

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051019\
 Data File : VX009471.D
 Acq On : 10 May 2019 10:06
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Quant Time: May 10 10:25:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X050119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 02 06:46:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	29316	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	164401	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	146624	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	69757	28.68	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	95.60%
60) 4-Bromofluorobenzene	11.13	95	73453	29.48	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.27%
63) Toluene-d8	8.71	98	206503	29.71	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.03%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	30168	19.366	ug/l 99
3) Chloromethane	1.32	50	43157	20.611	ug/l 98
4) Vinyl Chloride	1.41	62	43603	20.874	ug/l 96
5) Bromomethane	1.64	94	25295	19.104	ug/l 100
6) Chloroethane	1.72	64	27327	19.948	ug/l 98
7) Trichlorofluoromethane	1.93	101	54706	21.209	ug/l 95
8) Diethyl Ether	2.18	74	24908	20.797	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	34228	21.433	ug/l 100
10) 1,1-Dichloroethene	2.37	96	33802	21.080	ug/l 96
11) Methyl Iodide	2.51	142	31927	18.316	ug/l 99
12) Methyl Acetate	2.77	43	54472	18.036	ug/l 97
13) Acrolein	2.29	56	43531	105.086	ug/l 97
14) Acrylonitrile	3.14	53	129508	98.806	ug/l 99
15) Acetone	2.44	58	42828	113.805	ug/l 99
16) Carbon Disulfide	2.57	76	97541	22.483	ug/l 99
17) Allyl chloride	2.73	41	78478	20.386	ug/l 98
18) Methylene Chloride	2.85	84	41035	21.175	ug/l 97
19) trans-1,2-Dichloroethene	3.17	96	36722	21.479	ug/l 98
20) Diisopropyl ether	3.85	45	155138	20.464	ug/l 92
21) 1,1-Dichloroethane	3.70	63	75715	20.638	ug/l 99
22) cis-1,2-Dichloroethene	4.59	96	43572	21.158	ug/l 99
23) tert-Butyl Alcohol	3.04	59	51830	93.517	ug/l # 100
24) Methyl tert-Butyl Ether	3.19	73	128428	20.466	ug/l 99
25) Chloroform	5.21	83	69690	20.816	ug/l 100
26) Cyclohexane	5.58	56	73676	21.548	ug/l # 97
29) 1,1-Dichloropropene	5.79	75	54060	22.410	ug/l 100
30) 2-Butanone	4.67	43	202845	107.372	ug/l 99
31) 2,2-Dichloropropane	4.58	77	57637	21.673	ug/l 100
32) 1,1,1-Trichloroethane	5.49	97	57806	22.105	ug/l 98
33) Carbon Tetrachloride	5.78	117	47855	21.871	ug/l 97
34) Benzene	6.14	78	165356	22.234	ug/l 99
35) Methacrylonitrile	5.04	41	40681	20.582	ug/l 95
36) 1,2-Dichloroethane	6.19	62	59387	22.007	ug/l 100
37) Trichloroethene	7.21	130	40475	22.608	ug/l 94
38) Methylcyclohexane	7.46	83	68732	23.062	ug/l 99
39) 1,2-Dichloropropane	7.51	63	45656	21.558	ug/l 97
40) Dibromomethane	7.66	93	26349	21.920	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	52770	21.492	ug/l	97
42) Vinyl Acetate	3.81	43	685275	109.904	ug/l	99
43) Ethyl Acetate	4.82	43	71501	20.945	ug/l	98
44) Isopropyl Acetate	6.44	43	114322	20.672	ug/l	98
45) 1,4-Dioxane	7.74	88	22274	410.238	ug/l	97
46) Methyl methacrylate	7.77	41	57623	20.876	ug/l	98
47) n-amyl Acetate	10.90	43	101304	20.335	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	59303	20.700	ug/l	98
49) cis-1,3-Dichloropropene	8.43	75	67794	21.556	ug/l	97
50) 1,1,2-Trichloroethane	9.21	97	39650	21.530	ug/l	96
51) Ethyl methacrylate	9.18	69	71321	20.957	ug/l	96
52) 1,3-Dichloropropane	9.37	76	71510	21.879	ug/l	99
53) Dibromochloromethane	9.58	129	38895	21.207	ug/l	99
54) 1,2-Dibromoethane	9.67	107	41265	21.848	ug/l	99
55) 2-Chloroethyl vinyl ether	8.31	63	198763	109.604	ug/l	99
56) Bromoform	10.85	173	28858	20.497	ug/l	98
58) 4-Methyl-2-Pentanone	8.64	43	375600	104.180	ug/l	100
59) 2-Hexanone	9.49	43	292381	103.395	ug/l	100
61) Tetrachloroethene	9.34	164	37469	23.181	ug/l	97
62) Toluene	8.78	91	174946	22.329	ug/l	100
64) Chlorobenzene	10.13	112	104464	22.154	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.22	131	37331	21.622	ug/l	99
66) Ethyl Benzene	10.25	91	193243	22.140	ug/l	97
67) m/p-Xylenes	10.35	106	141529	44.412	ug/l	100
68) o-Xylene	10.69	106	68695	21.923	ug/l	99
69) Styrene	10.71	104	120157	21.844	ug/l	99
70) Isopropylbenzene	11.02	105	186321	22.110	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	64640	20.945	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	76189	28.647	ug/l	82
73) Bromobenzene	11.26	156	45207	21.712	ug/l	99
74) n-propylbenzene	11.36	91	217899	22.313	ug/l	100
75) 2-Chlorotoluene	11.42	91	129204	22.058	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	158388	22.188	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	20974	19.551	ug/l	94
78) 4-Chlorotoluene	11.51	91	147645	22.194	ug/l	99
79) tert-butylbenzene	11.77	119	150911	21.869	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	157957	22.078	ug/l	100
81) sec-Butylbenzene	11.94	105	182970	22.317	ug/l	100
82) p-Isopropyltoluene	12.06	119	166147	22.278	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	81668	21.963	ug/l	100
84) 1,4-Dichlorobenzene	12.10	146	81502	22.000	ug/l	99
85) n-Butylbenzene	12.38	91	150046	21.987	ug/l	100
86) Hexachloroethane	12.59	117	26107	20.572	ug/l	93
87) 1,2-Dichlorobenzene	12.39	146	80823	21.593	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	13.00	75	14598	20.355	ug/l	98
89) 1,2,4-Trichlorobenzene	13.65	180	59464	22.289	ug/l	99
90) Hexachlorobutadiene	13.78	225	30919	23.202	ug/l	98
91) Naphthalene	13.83	128	188412	21.570	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	61123	22.539	ug/l	99

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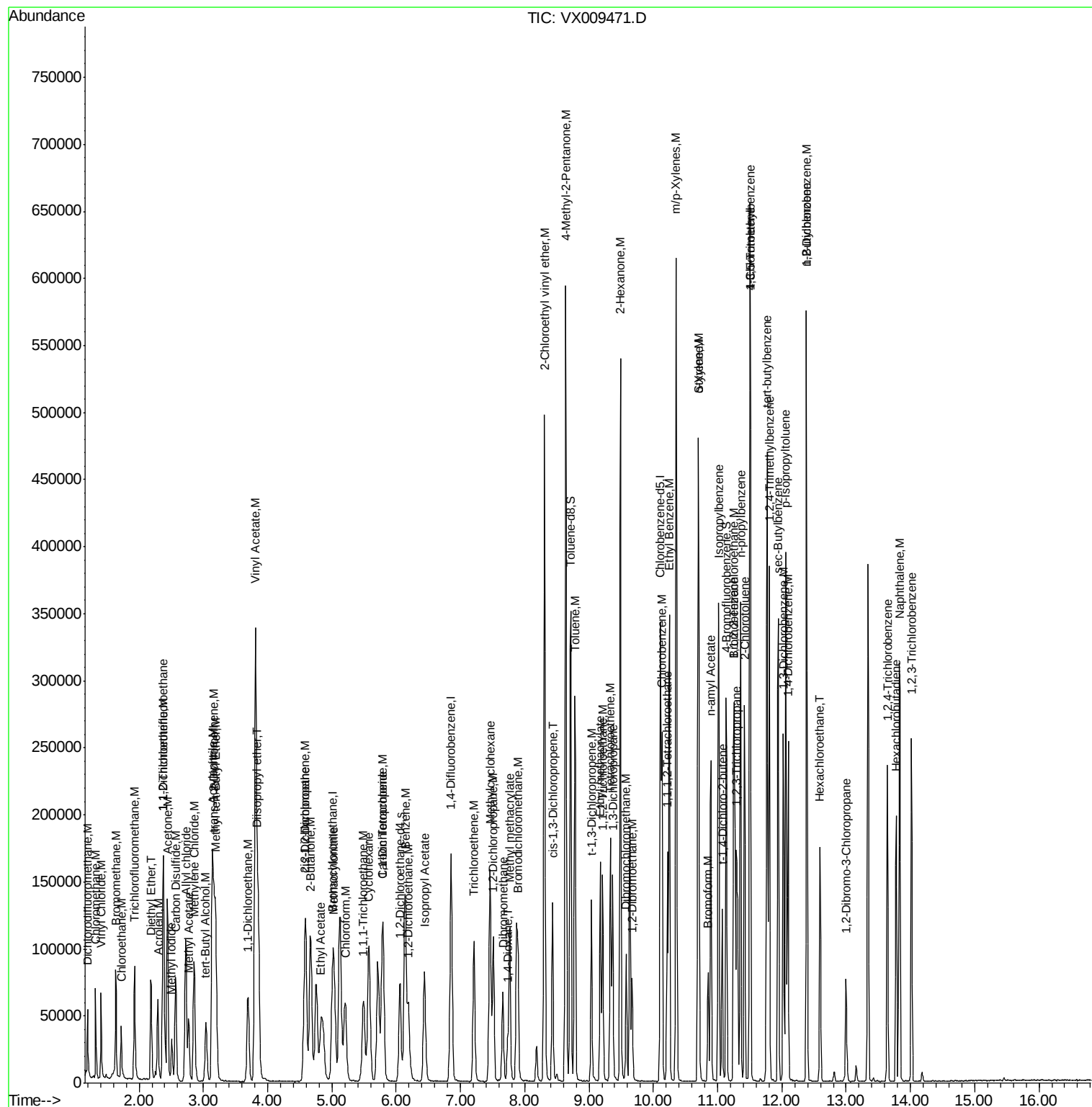
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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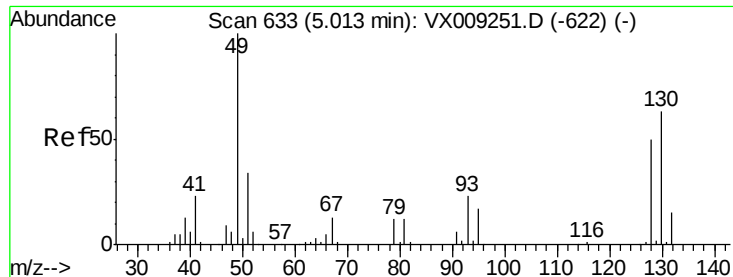
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleID :
VSTDCCC020

Quant Time: May 10 10:25:49 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\624X050119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 02 06:46:57 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 632

Delta R.T. -0.01 min

Lab File: VX009471.D

Acq: 10 May 2019 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

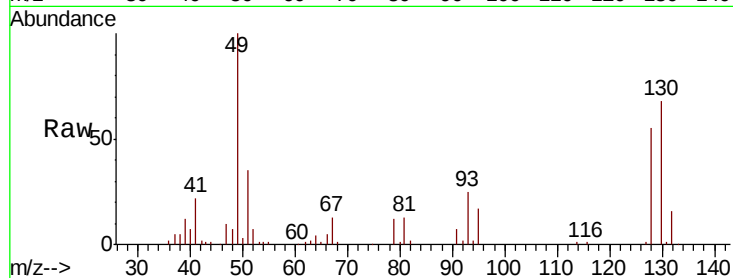
Tgt Ion:128 Resp: 29316

Ion Ratio Lower Upper

128 100

49 194.4 0.0 515.0

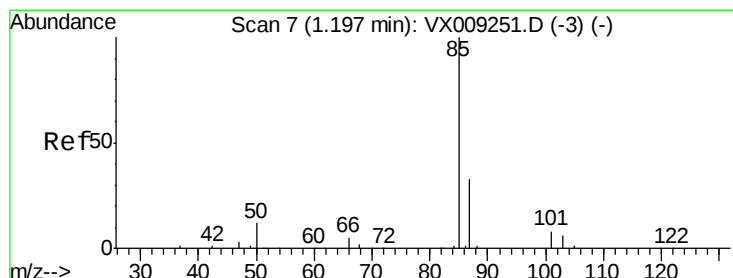
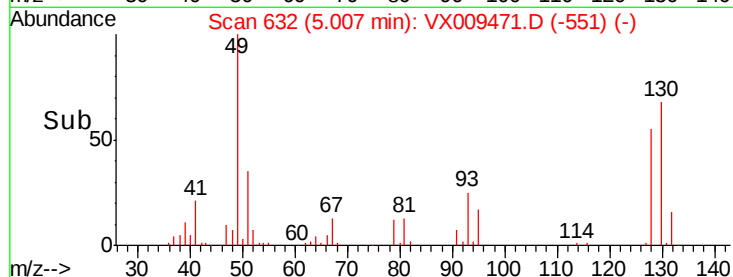
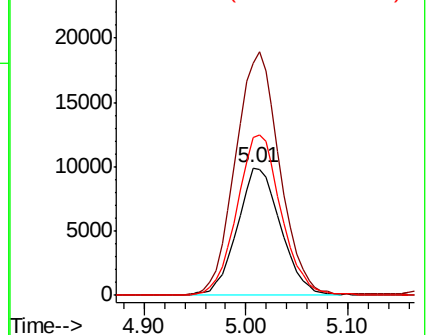
130 127.6 0.0 323.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 19.366 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009471.D

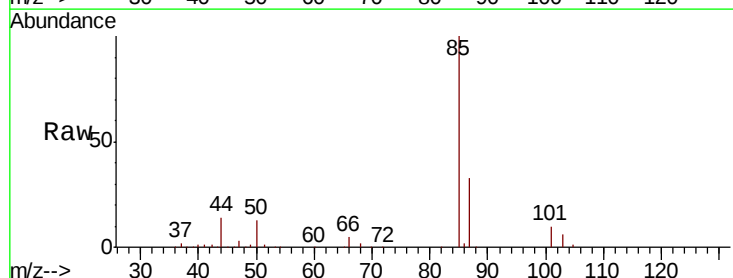
Acq: 10 May 2019 10:06

Tgt Ion: 85 Resp: 30168

Ion Ratio Lower Upper

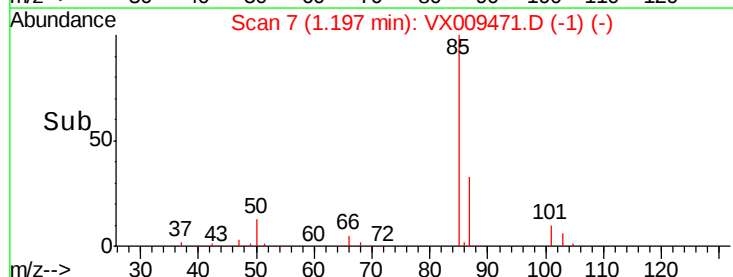
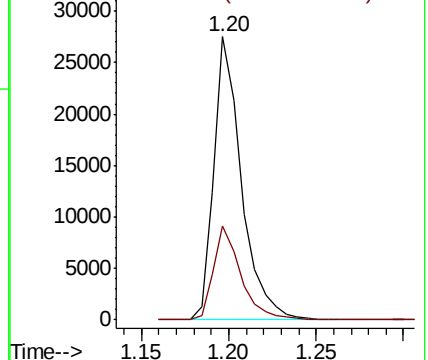
85 100

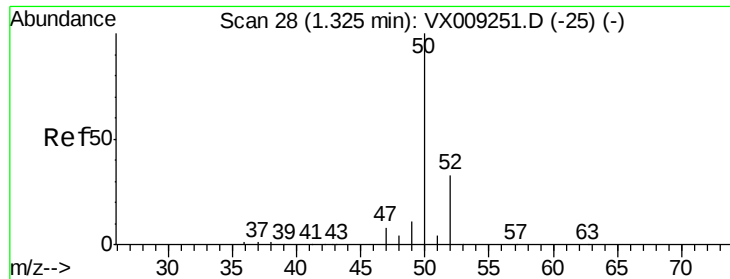
87 33.2 16.3 48.9



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 20.611 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009471.D

Acq: 10 May 2019 10:06

Instrument :

MSVOA_X

ClientSampleId :

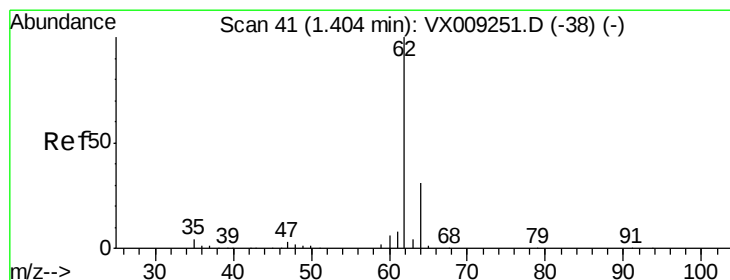
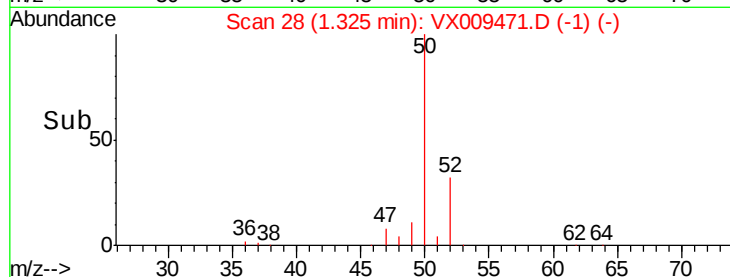
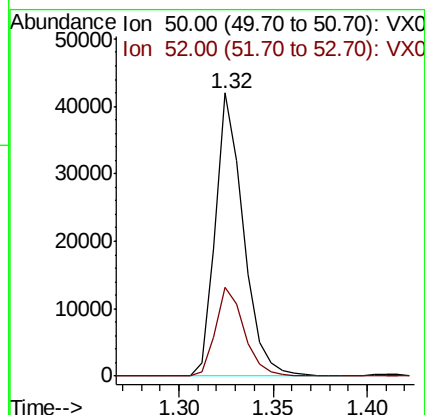
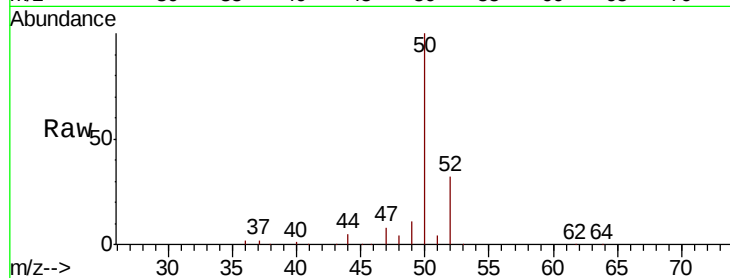
VSTDCCC020

Tgt Ion: 50 Resp: 43157

Ion Ratio Lower Upper

50 100

52 31.6 26.3 39.5



#4

Vinyl Chloride

Concen: 20.874 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX009471.D

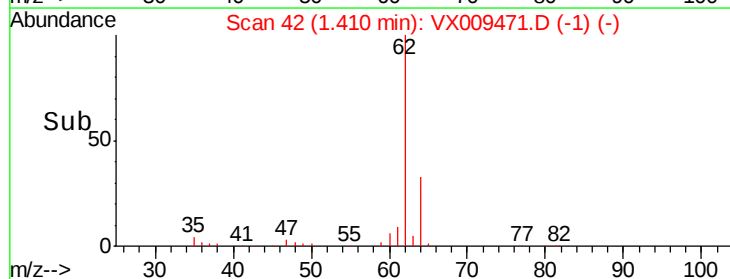
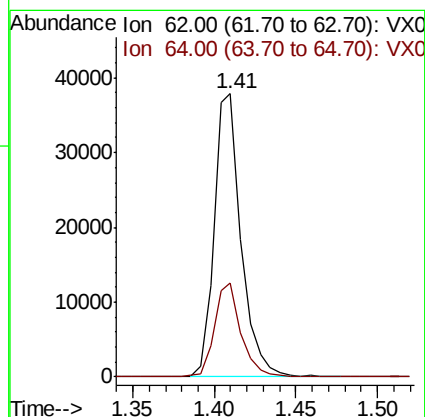
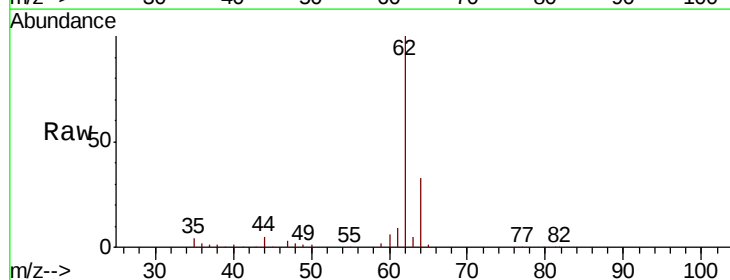
Acq: 10 May 2019 10:06

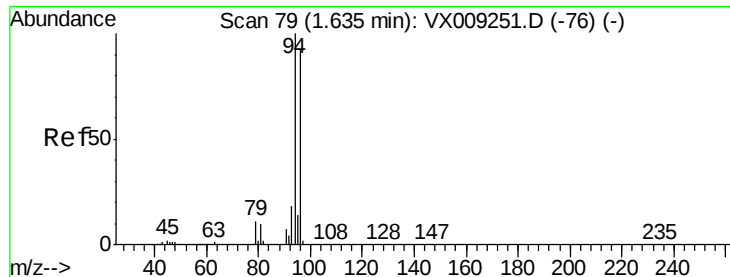
Tgt Ion: 62 Resp: 43603

Ion Ratio Lower Upper

62 100

64 32.8 24.6 36.8





#5

Bromomethane

Concen: 19.104 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009471.D

Acq: 10 May 2019 10:06

Instrument :

MSVOA_X

ClientSampleId :

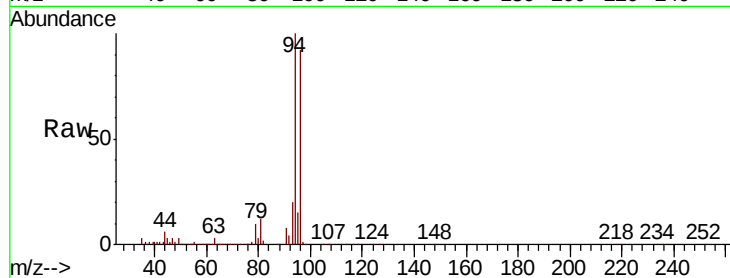
VSTDCCC020

Tgt Ion: 94 Resp: 25295

Ion Ratio Lower Upper

94 100

96 92.1 73.5 110.3



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

1.64

30000

25000

20000

15000

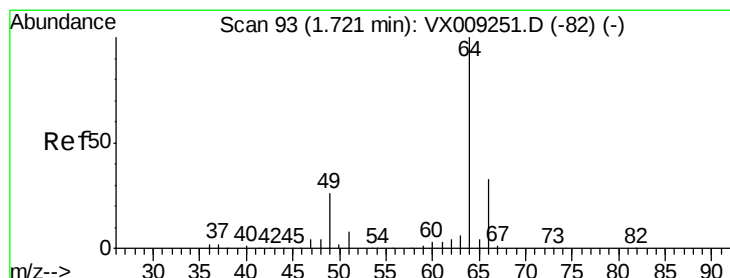
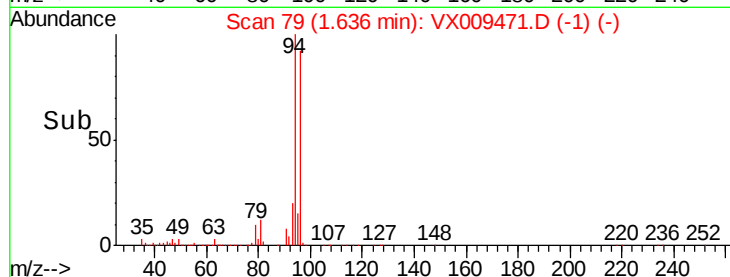
10000

5000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 19.948 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX009471.D

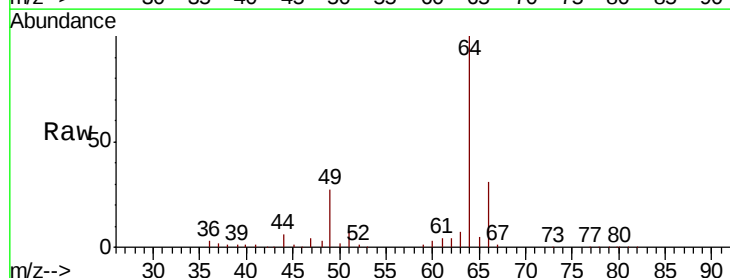
Acq: 10 May 2019 10:06

Tgt Ion: 64 Resp: 27327

Ion Ratio Lower Upper

64 100

66 31.2 25.9 38.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

1.72

20000

15000

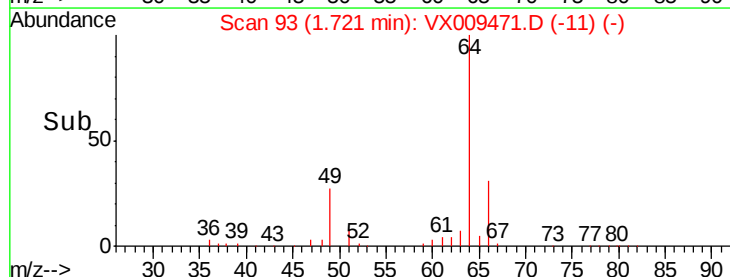
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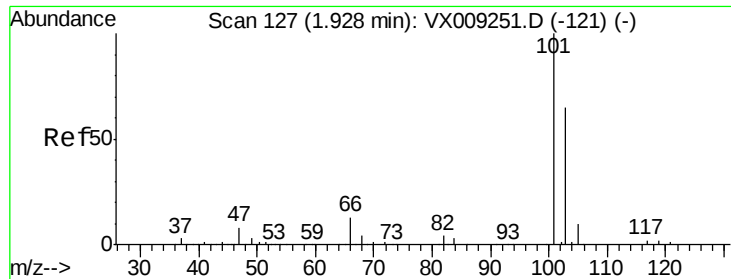
5000

0

Time-->

1.65 1.70 1.75 1.80



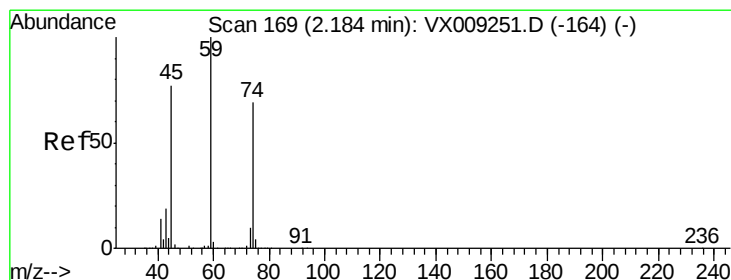
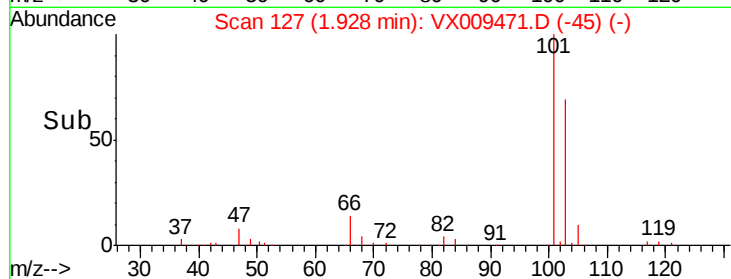
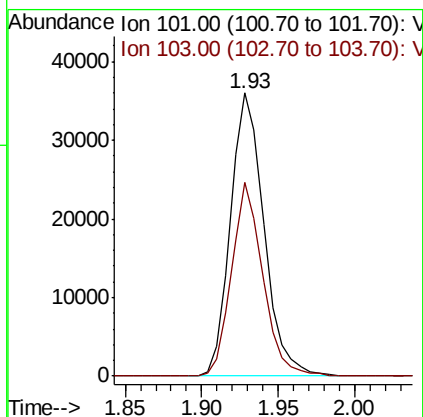
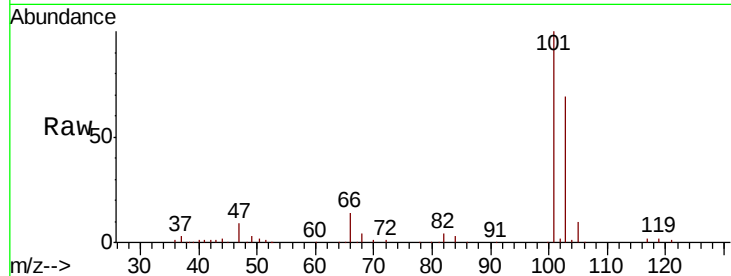


#7

Trichlorofluoromethane
 Concen: 21.209 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX009471.D
 Acq: 10 May 2019 10:06

Instrument :
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 ClientSampleId :
 VSTDCCC020

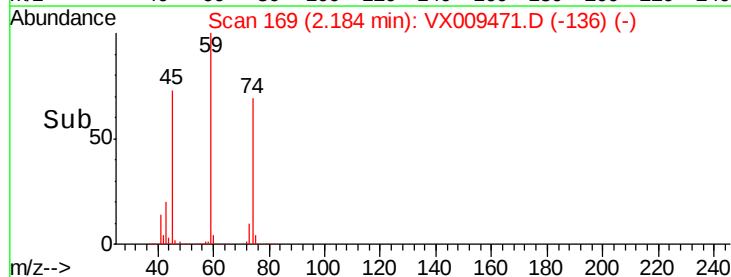
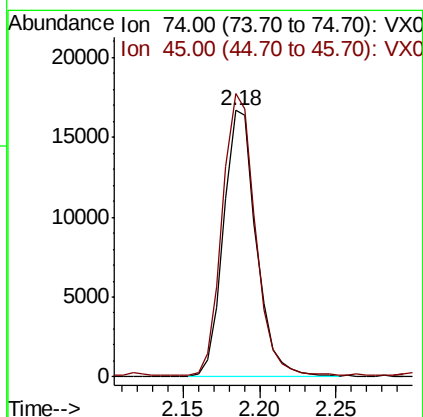
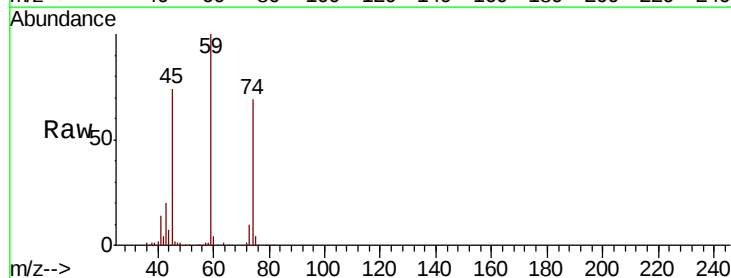
Tgt Ion: 101 Resp: 54706
 Ion Ratio Lower Upper
 101 100
 103 68.5 51.9 77.9

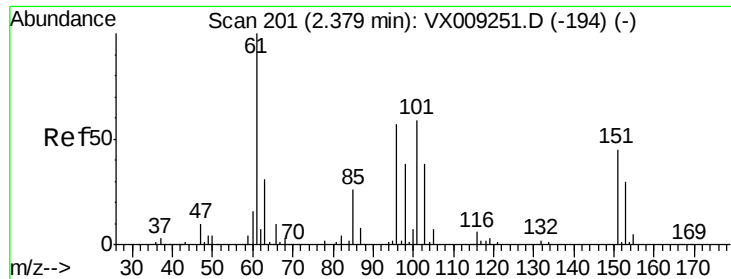


#8

Diethyl Ether
 Concen: 20.797 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX009471.D
 Acq: 10 May 2019 10:06

Tgt Ion: 74 Resp: 24908
 Ion Ratio Lower Upper
 74 100
 45 106.4 21.5 193.9

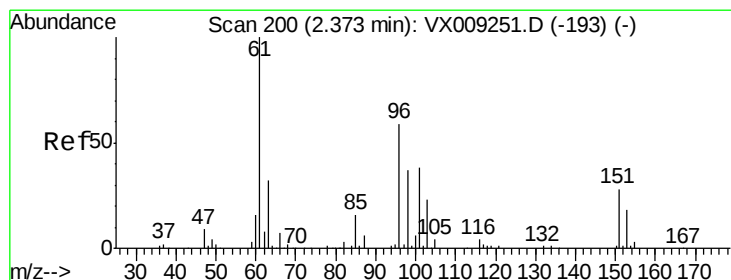
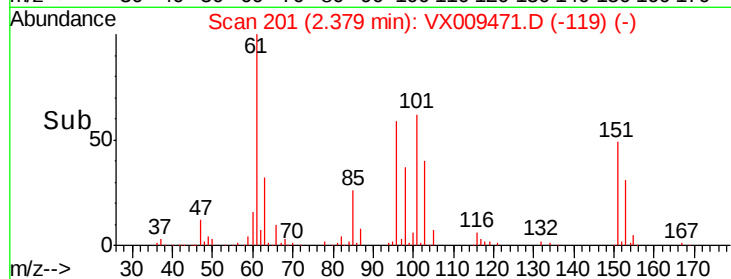
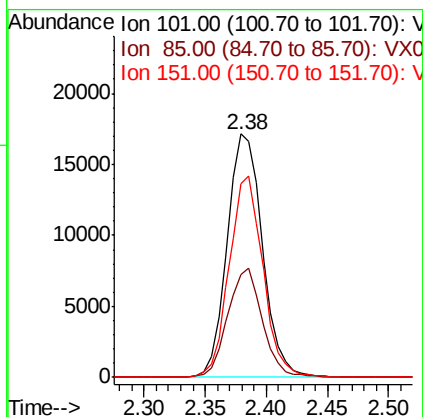
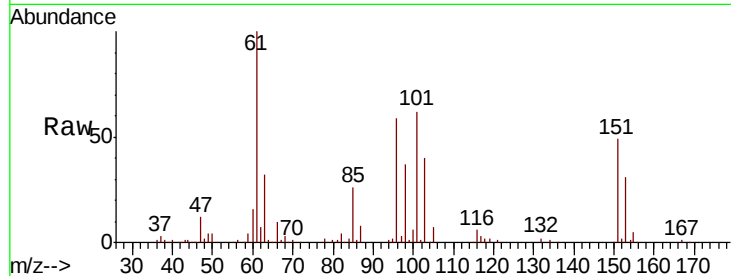




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.433 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.00 min
 Lab File: VX009471.D
 Acq: 10 May 2019 10:06

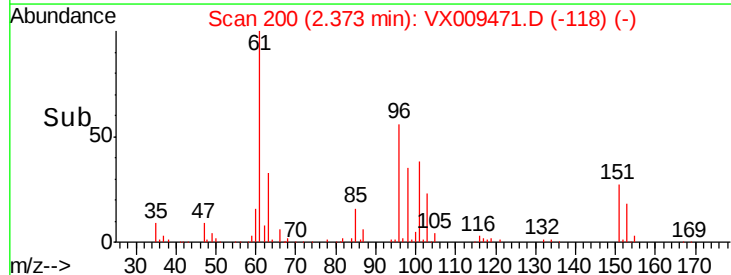
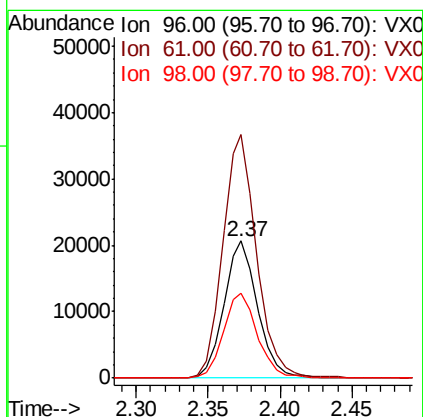
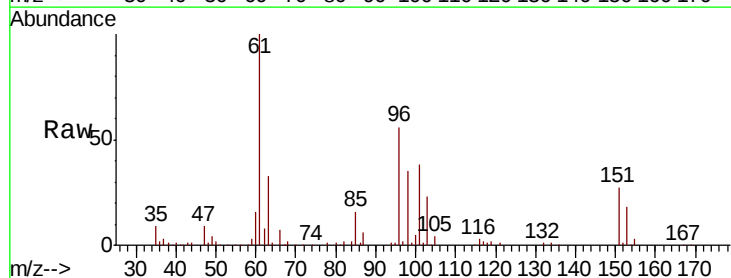
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

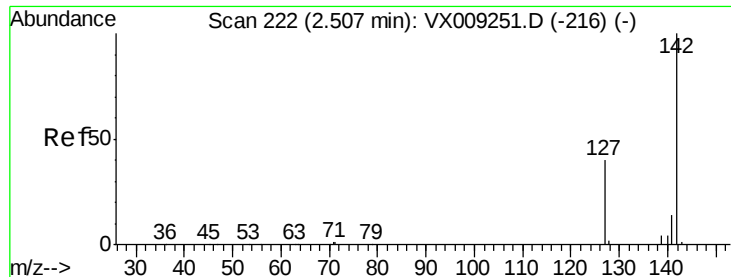
Tgt Ion: 101 Resp: 34228
 Ion Ratio Lower Upper
 101 100
 85 44.0 0.0 87.4
 151 78.9 0.0 157.0



#10
 1,1-Dichloroethene
 Concen: 21.080 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX009471.D
 Acq: 10 May 2019 10:06

Tgt Ion: 96 Resp: 33802
 Ion Ratio Lower Upper
 96 100
 61 177.1 136.5 204.7
 98 61.7 51.0 76.4

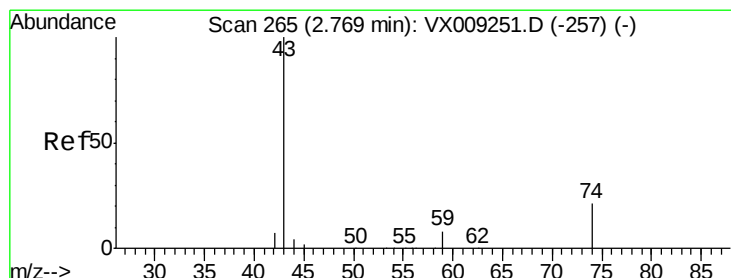
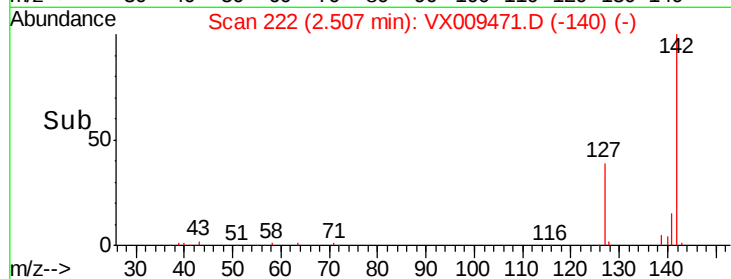
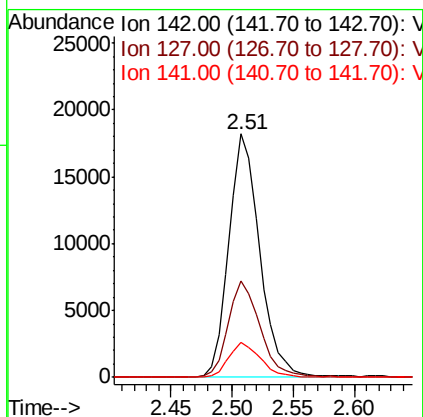
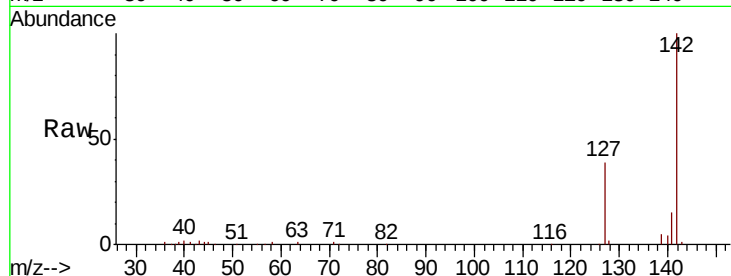




#11
Methyl Iodide
Concen: 18.316 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX009471.D
Acq: 10 May 2019 10:06

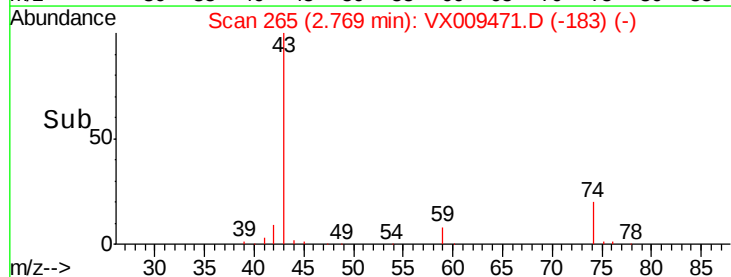
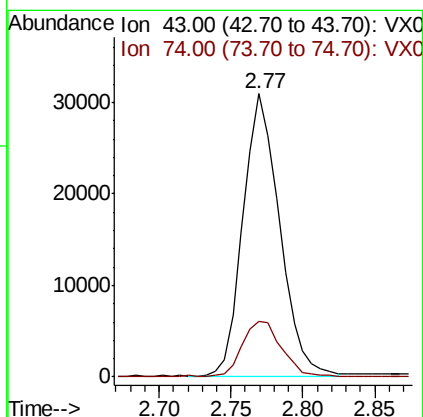
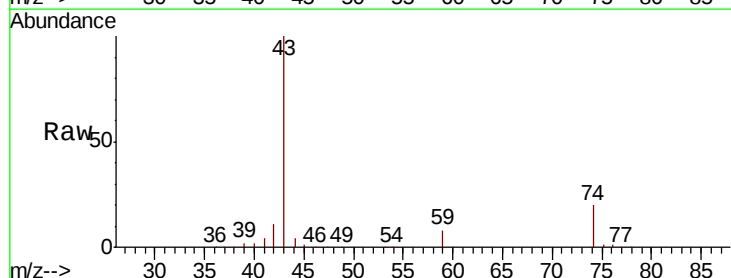
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

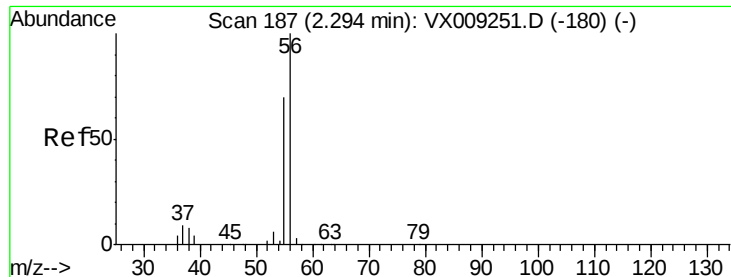
Tgt Ion:142 Resp: 31927
Ion Ratio Lower Upper
142 100
127 39.5 20.2 60.5
141 14.6 6.9 20.7



#12
Methyl Acetate
Concen: 18.036 ug/l
RT: 2.77 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX009471.D
Acq: 10 May 2019 10:06

Tgt Ion: 43 Resp: 54472
Ion Ratio Lower Upper
43 100
74 19.3 16.5 24.7





#13

Acrolein

Concen: 105.086 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX009471.D

Acq: 10 May 2019 10:06

Instrument :

MSVOA_X

ClientSampleId :

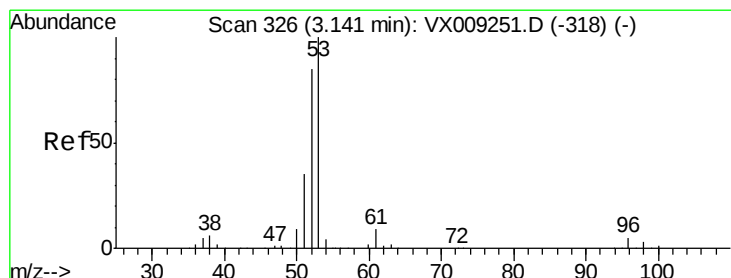
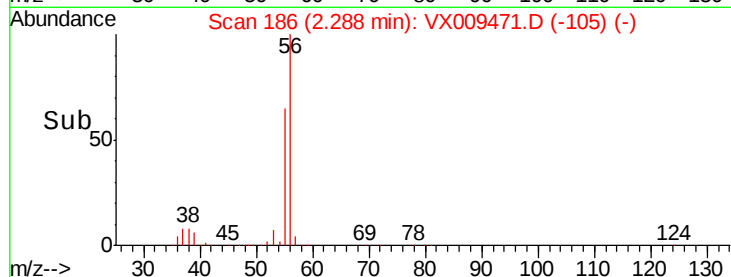
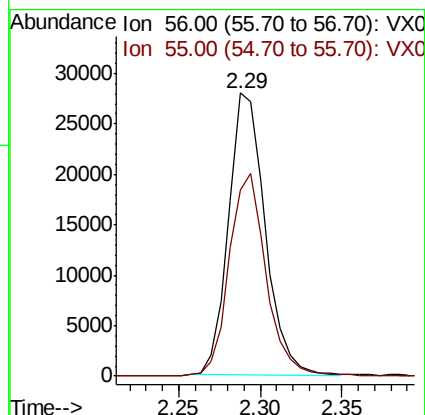
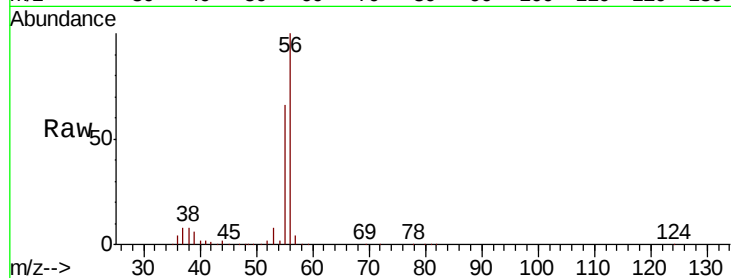
VSTDCCC020

Tgt Ion: 56 Resp: 43531

Ion Ratio Lower Upper

56 100

55 73.4 56.9 85.3



#14

Acrylonitrile

Concen: 98.806 ug/l

RT: 3.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX009471.D

Acq: 10 May 2019 10:06

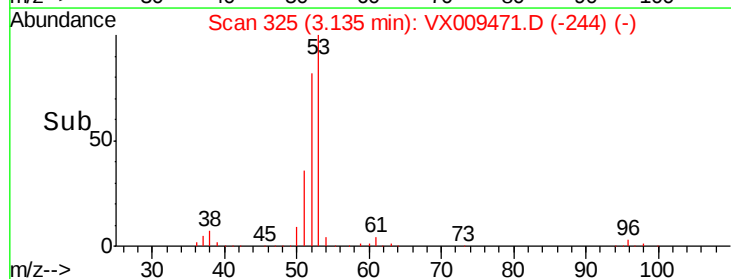
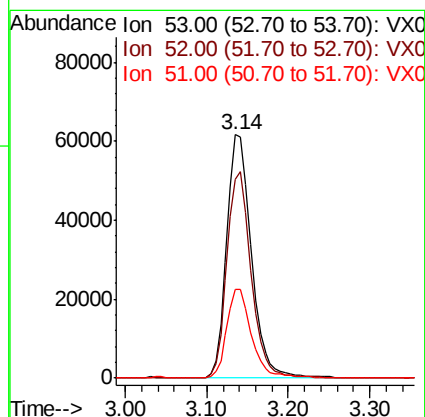
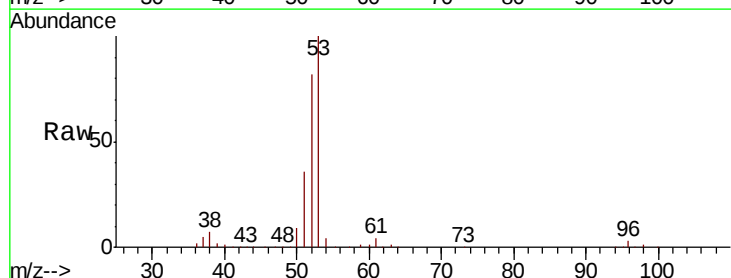
Tgt Ion: 53 Resp: 129508

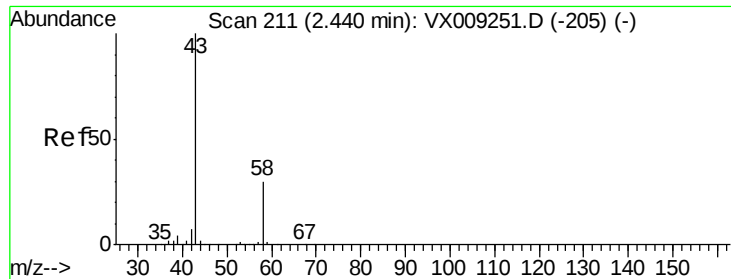
Ion Ratio Lower Upper

53 100

52 83.0 41.5 124.5

51 36.7 17.8 53.3





#15

Acetone

Concen: 113.805 ug/l

RT: 2.44 min Scan# 211

Delta R.T. 0.00 min

Lab File: VX009471.D

Acq: 10 May 2019 10:06

Instrument :

MSVOA_X

ClientSampleId :

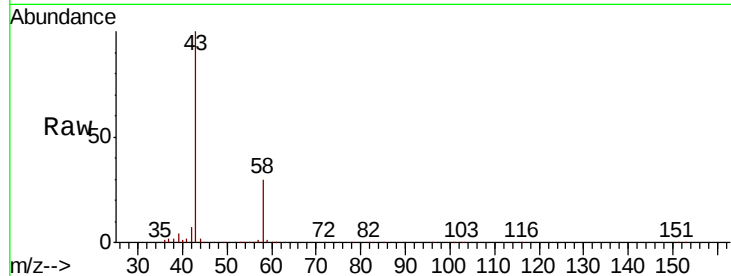
VSTDCCC020

Tgt Ion: 58 Resp: 42828

Ion Ratio Lower Upper

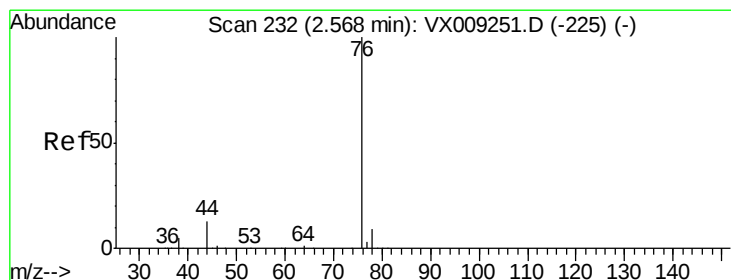
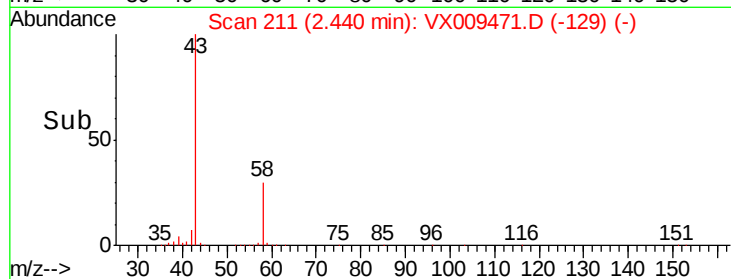
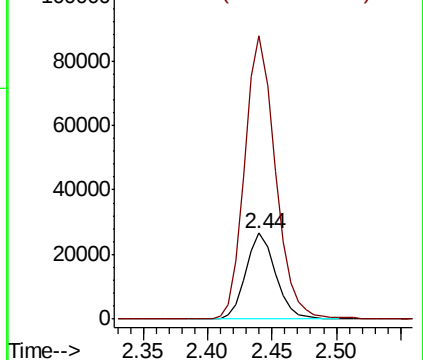
58 100

43 327.9 264.0 396.0



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 22.483 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009471.D

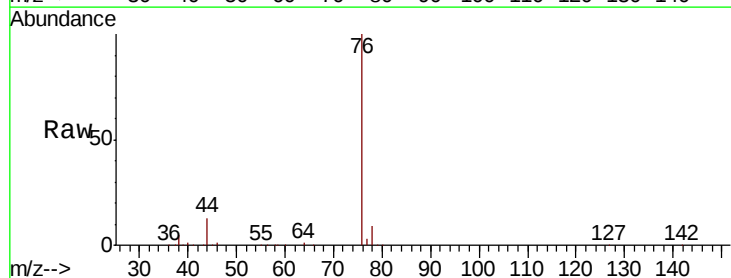
Acq: 10 May 2019 10:06

Tgt Ion: 76 Resp: 97541

Ion Ratio Lower Upper

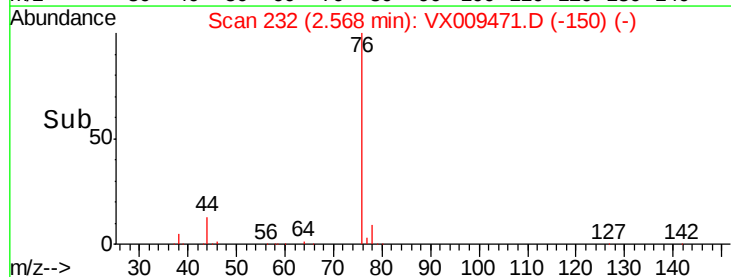
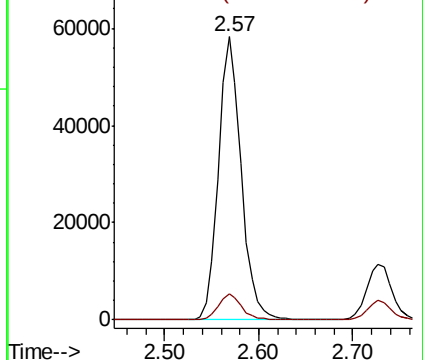
76 100

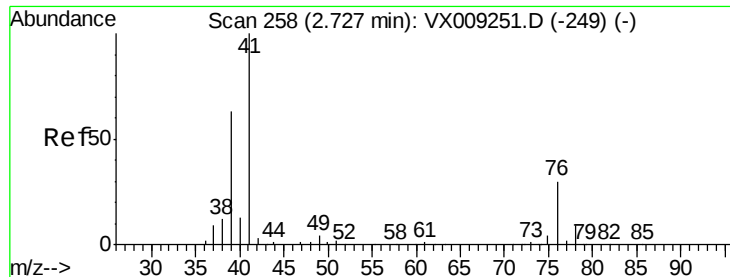
78 9.1 7.4 11.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

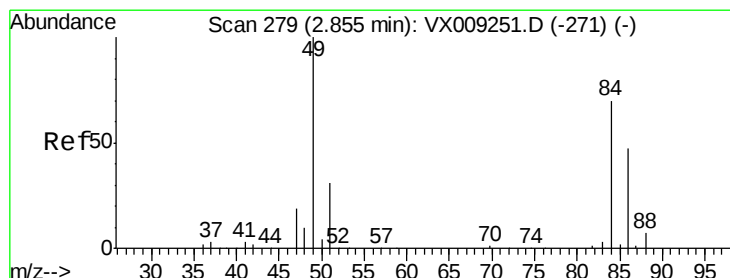
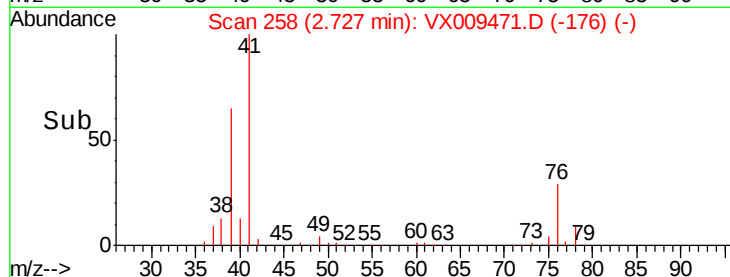
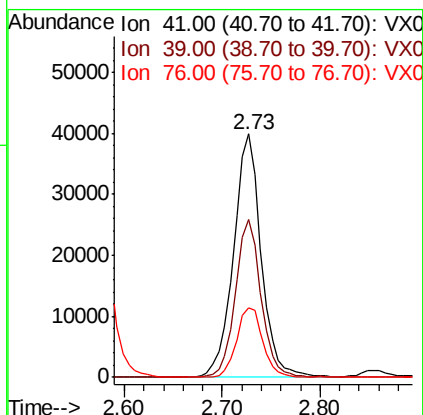
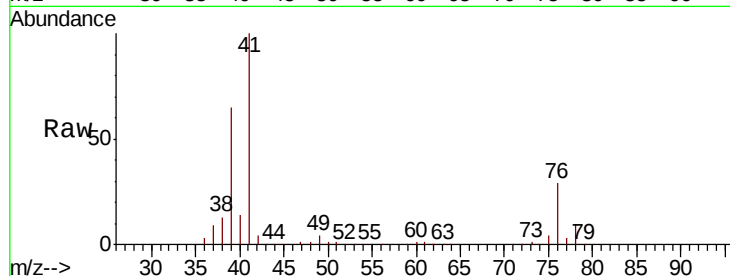




#17
 Allyl chloride
 Concen: 20.386 ug/l
 RT: 2.73 min Scan# 258
 Delta R.T. 0.00 min
 Lab File: VX009471.D
 Acq: 10 May 2019 10:06

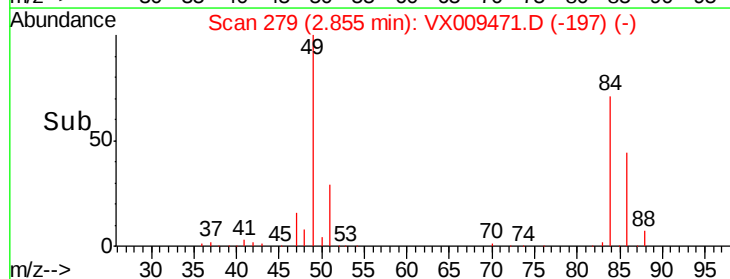
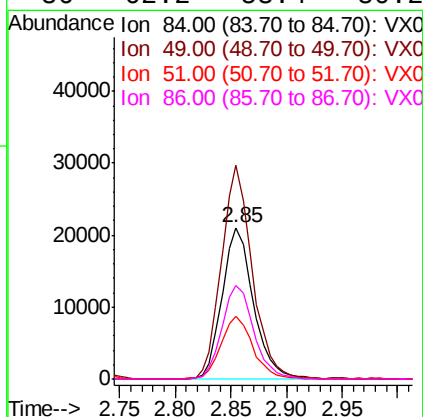
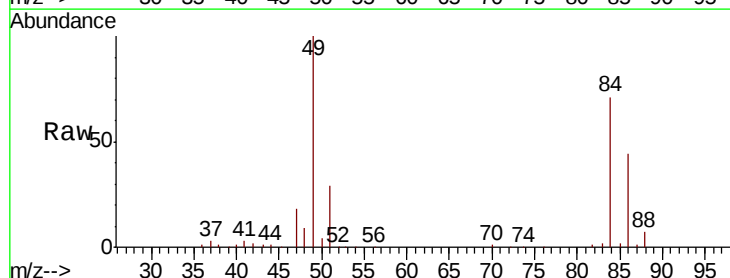
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

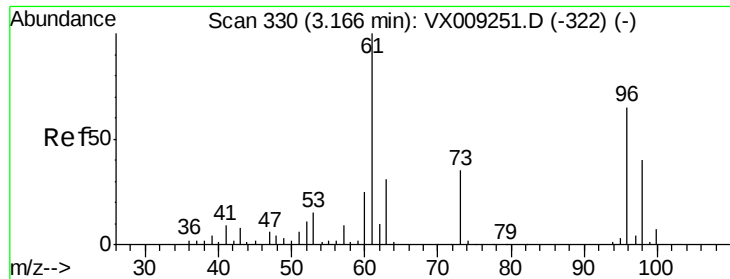
Tgt Ion: 41 Resp: 78478
 Ion Ratio Lower Upper
 41 100
 39 64.8 31.6 94.7
 76 28.6 15.1 45.3



#18
 Methylene Chloride
 Concen: 21.175 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX009471.D
 Acq: 10 May 2019 10:06

Tgt Ion: 84 Resp: 41035
 Ion Ratio Lower Upper
 84 100
 49 140.9 114.6 171.8
 51 41.4 35.5 53.3
 86 62.2 53.4 80.2

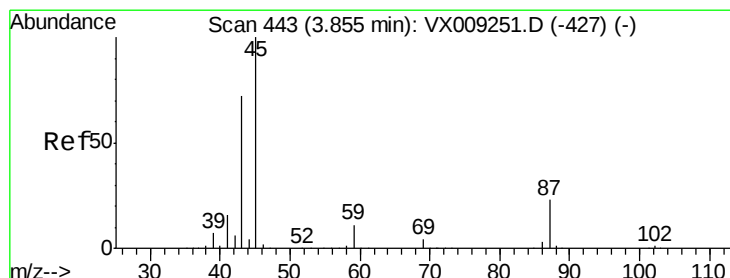
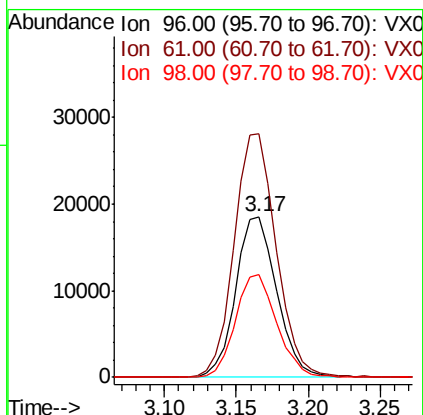
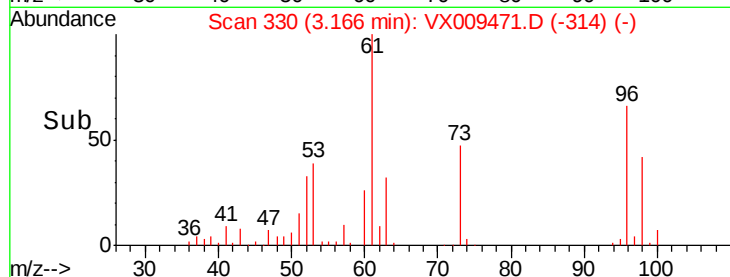
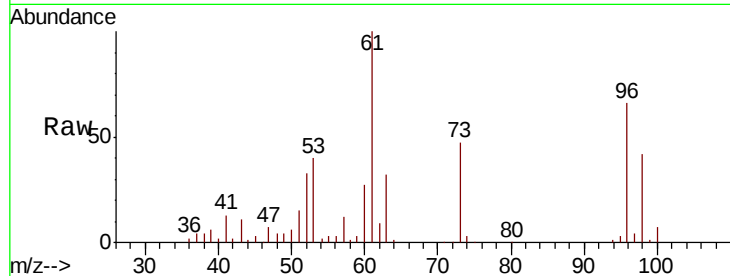




#19
trans-1,2-Dichloroethene
Concen: 21.479 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.00 min
Lab File: VX009471.D
Acq: 10 May 2019 10:06

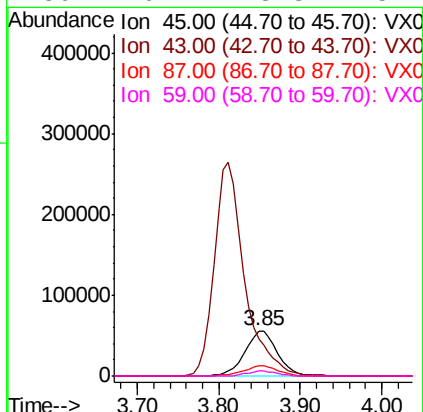
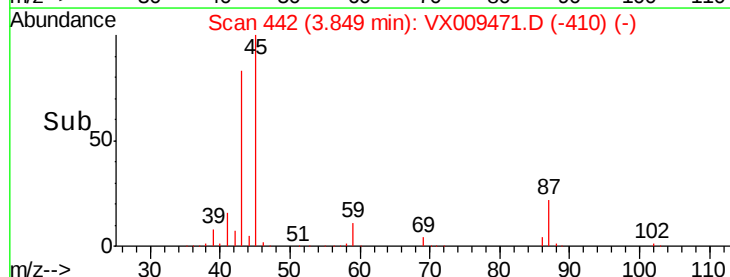
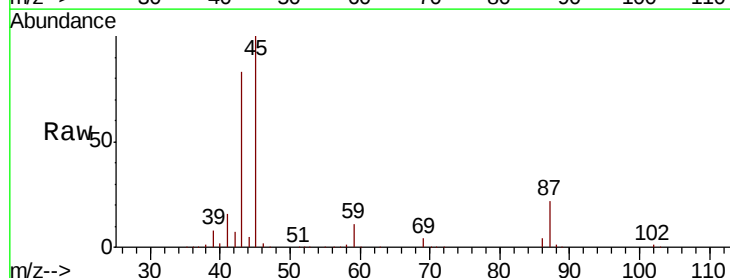
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

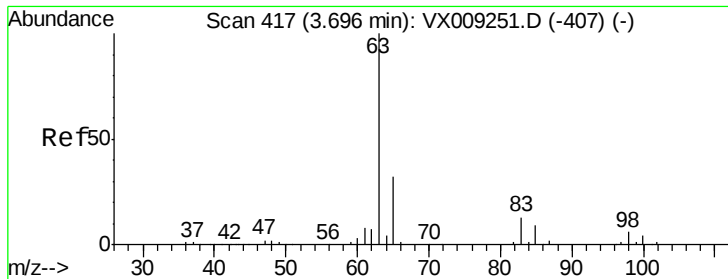
Tgt Ion: 96 Resp: 36722
Ion Ratio Lower Upper
96 100
61 151.0 122.7 184.1
98 64.0 49.5 74.3



#20
Diisopropyl ether
Concen: 20.464 ug/l
RT: 3.85 min Scan# 442
Delta R.T. -0.01 min
Lab File: VX009471.D
Acq: 10 May 2019 10:06

Tgt Ion: 45 Resp: 155138
Ion Ratio Lower Upper
45 100
43 81.7 57.7 86.5
87 22.3 18.5 27.7
59 10.7 8.8 13.2



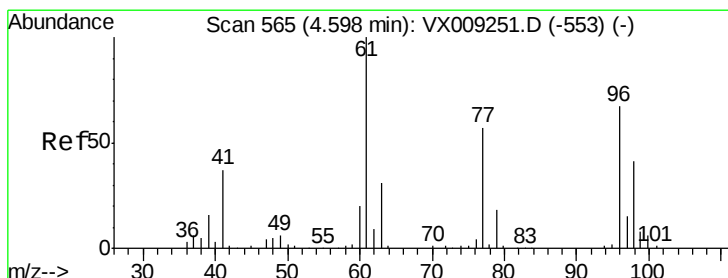
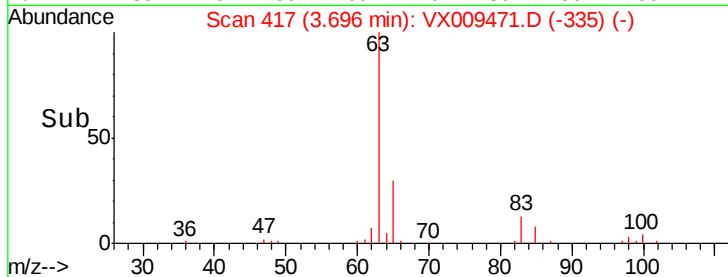
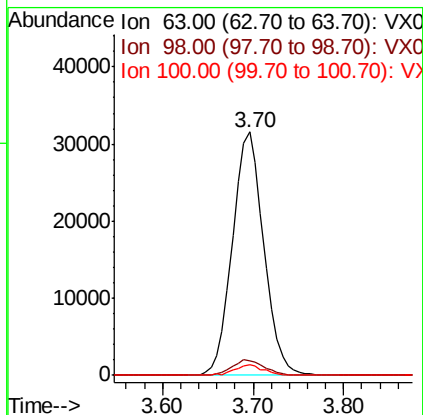
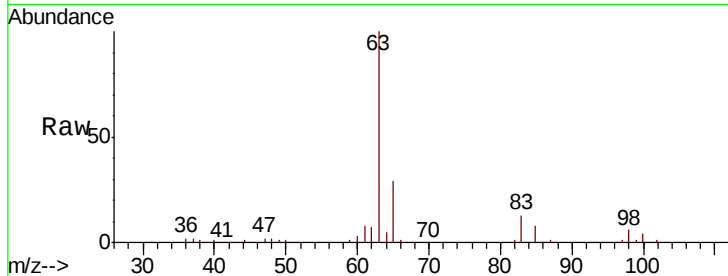


#21

1,1-Dichloroethane
Concen: 20.638 ug/l
RT: 3.70 min Scan# 417
Delta R.T. 0.00 min
Lab File: VX009471.D
Acq: 10 May 2019 10:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

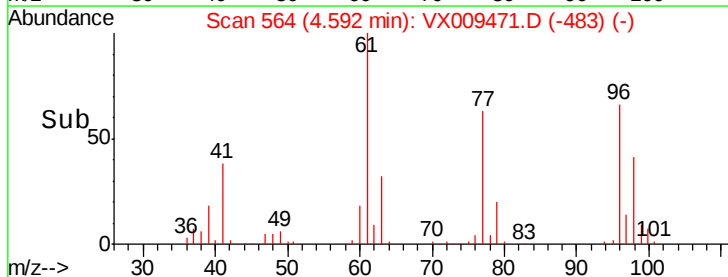
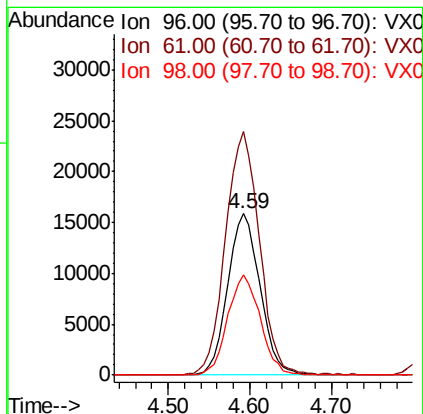
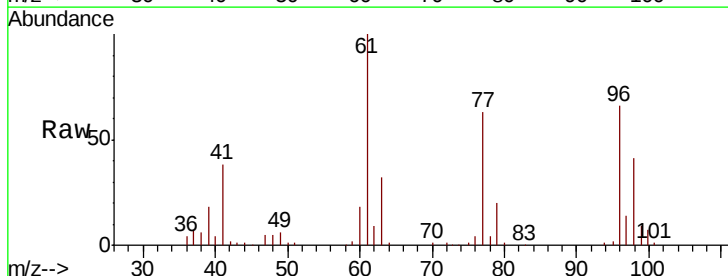
Tgt Ion: 63 Resp: 75715
Ion Ratio Lower Upper
63 100
98 6.0 3.1 9.3
100 4.3 2.2 6.6

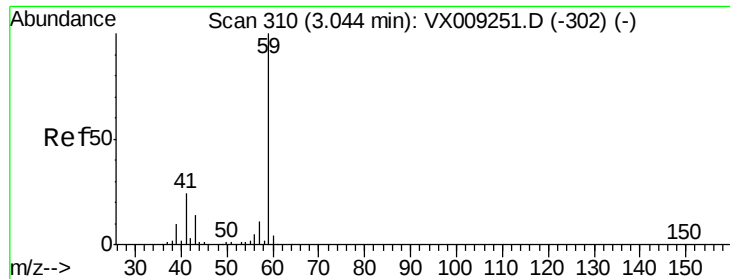


#22

cis-1,2-Dichloroethene
Concen: 21.158 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX009471.D
Acq: 10 May 2019 10:06

Tgt Ion: 96 Resp: 43572
Ion Ratio Lower Upper
96 100
61 157.7 127.7 191.5
98 62.2 50.5 75.7





#23

tert-Butyl Alcohol

Concen: 93.517 ug/l

RT: 3.04 min Scan# 309

Delta R.T. -0.01 min

Lab File: VX009471.D

Acq: 10 May 2019 10:06

Instrument :

MSVOA_X

ClientSampleId :

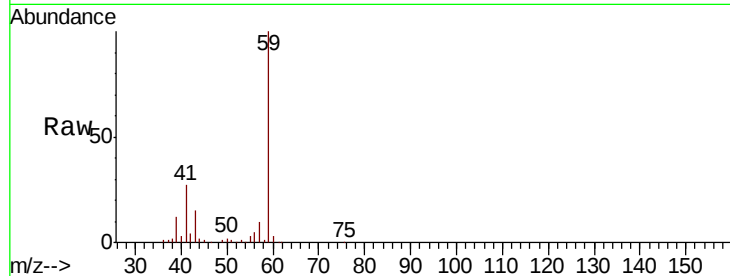
VSTDCCC020

Tgt Ion: 59 Resp: 51830

Ion Ratio Lower Upper

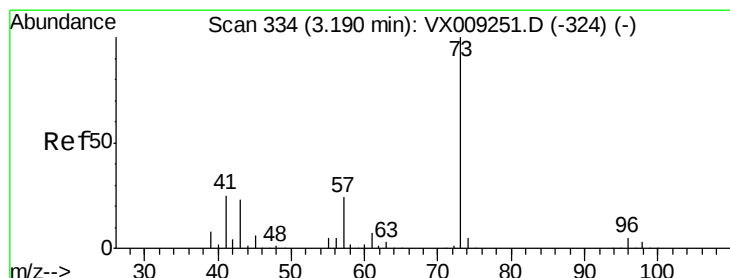
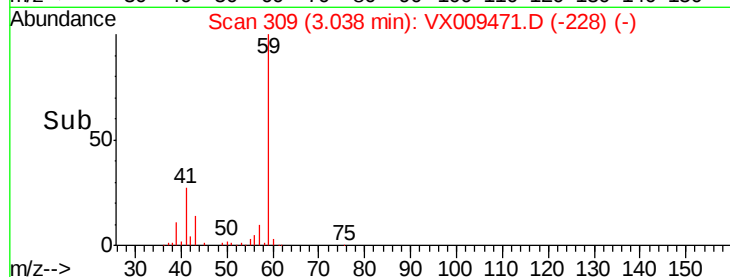
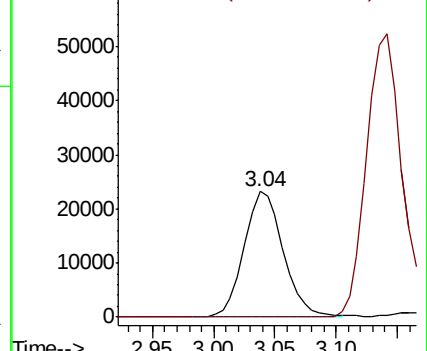
59 100

52 0.3 0.2 0.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#24

Methyl tert-Butyl Ether

Concen: 20.466 ug/l

RT: 3.19 min Scan# 334

Delta R.T. 0.00 min

Lab File: VX009471.D

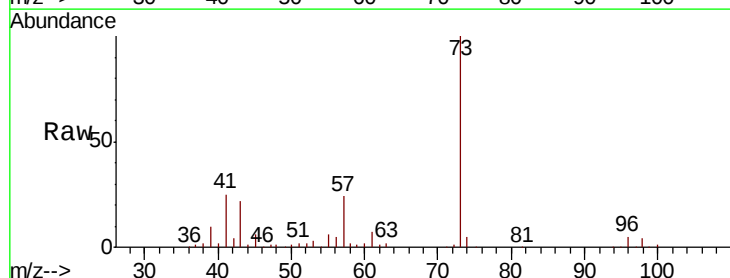
Acq: 10 May 2019 10:06

Tgt Ion: 73 Resp: 128428

Ion Ratio Lower Upper

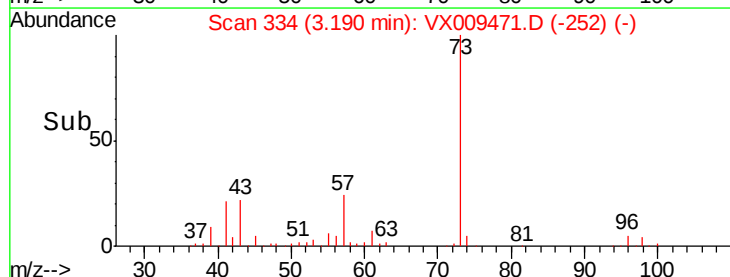
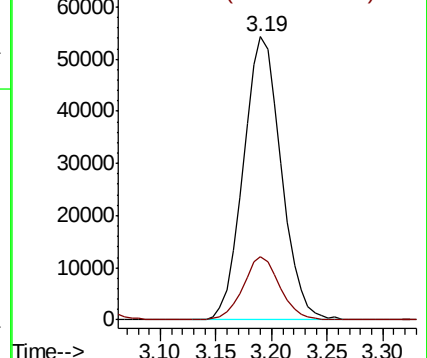
73 100

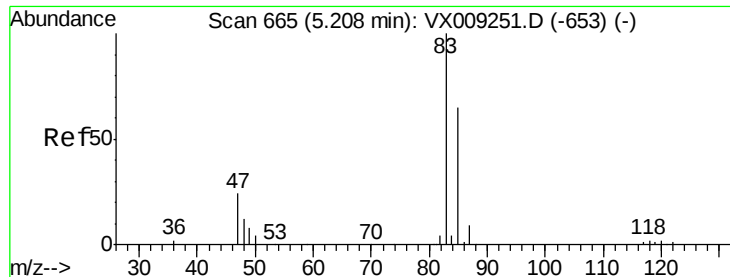
43 21.4 17.6 26.4



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

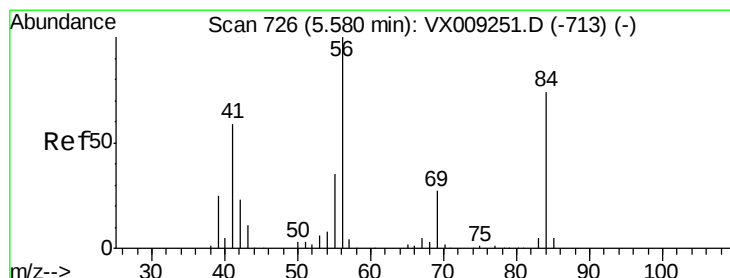
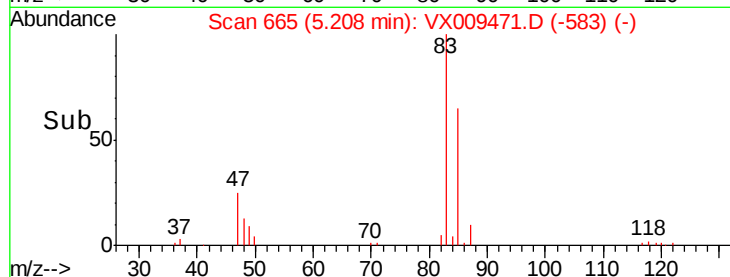
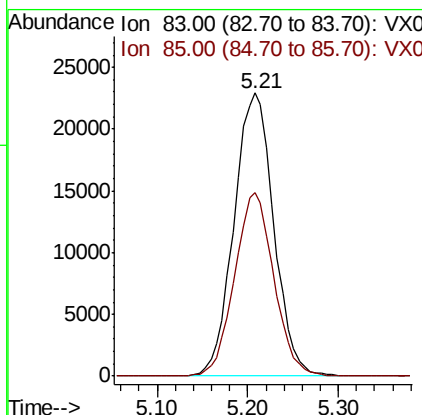
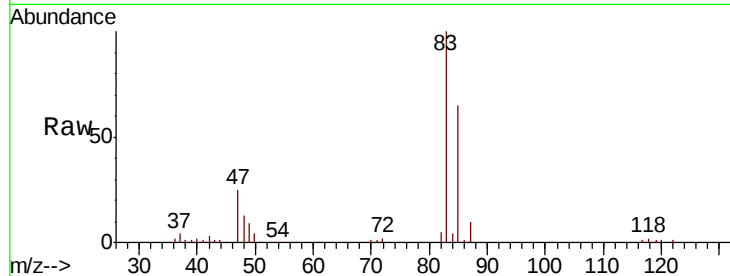




#25
Chloroform
Concen: 20.816 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX009471.D
Acq: 10 May 2019 10:06

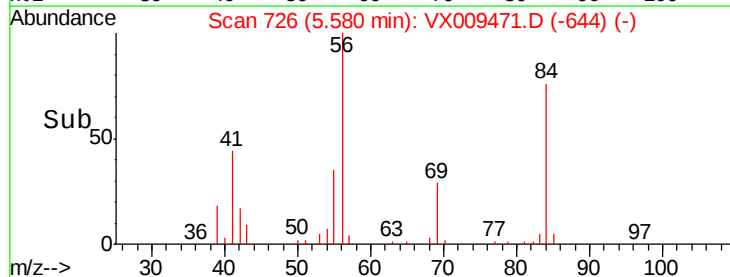
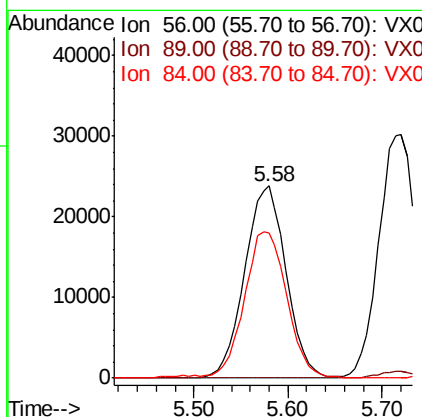
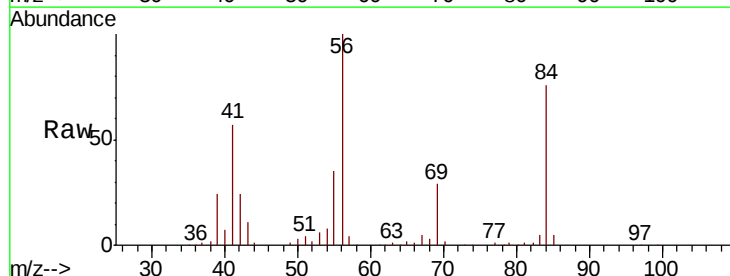
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

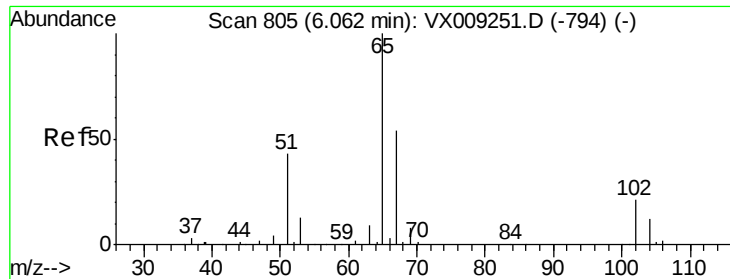
Tgt Ion: 83 Resp: 69690
Ion Ratio Lower Upper
83 100
85 64.7 51.9 77.9



#26
Cyclohexane
Concen: 21.548 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX009471.D
Acq: 10 May 2019 10:06

Tgt Ion: 56 Resp: 73676
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 77.4 59.7 89.5





#27

1,2-Dichloroethane-d4

Concen: 28.684 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009471.D

Acq: 10 May 2019 10:06

Instrument :

MSVOA_X

ClientSampleId :

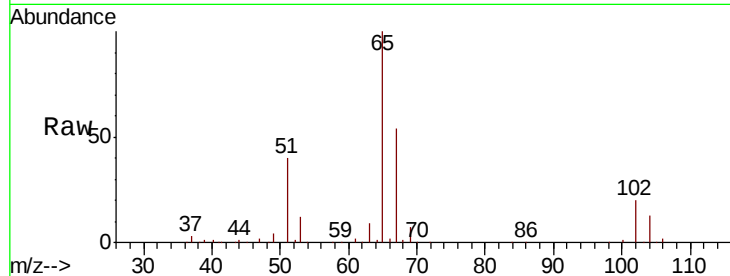
VSTDCCC020

Tgt Ion: 65 Resp: 69757

Ion Ratio Lower Upper

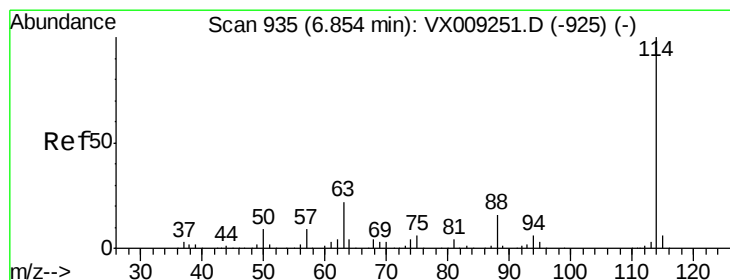
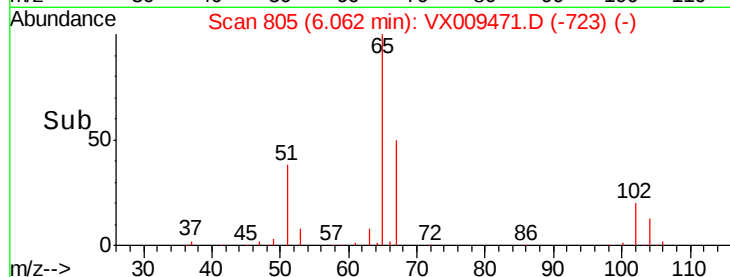
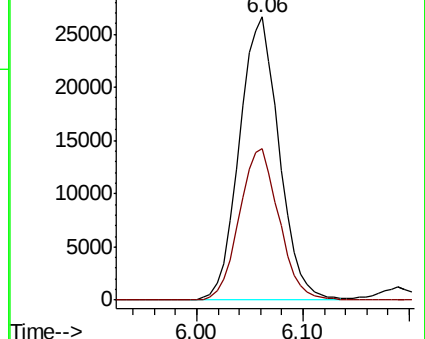
65 100

67 52.7 43.1 64.7



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX009471.D

Acq: 10 May 2019 10:06

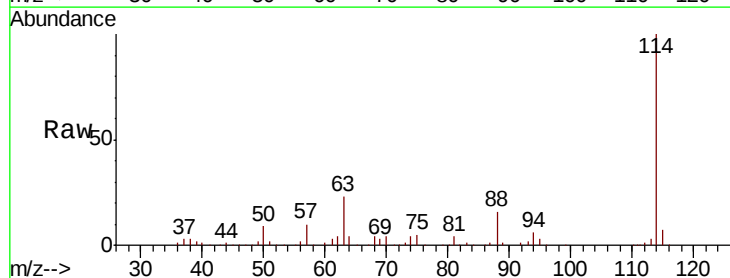
Tgt Ion: 114 Resp: 164401

Ion Ratio Lower Upper

114 100

63 22.9 18.0 27.0

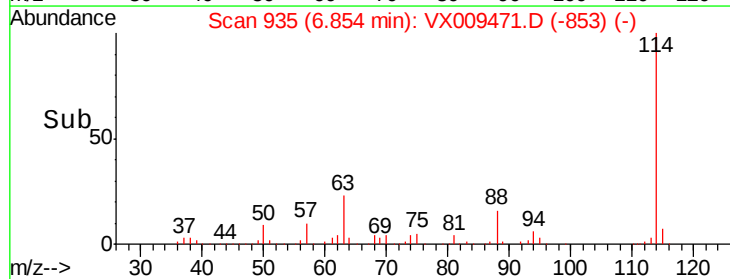
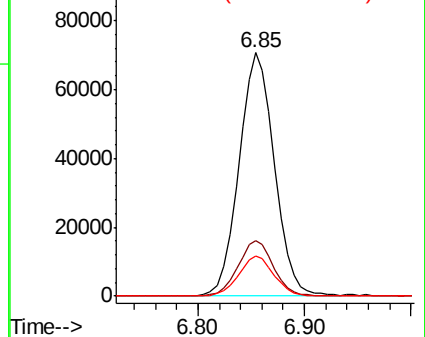
88 16.4 13.4 20.0

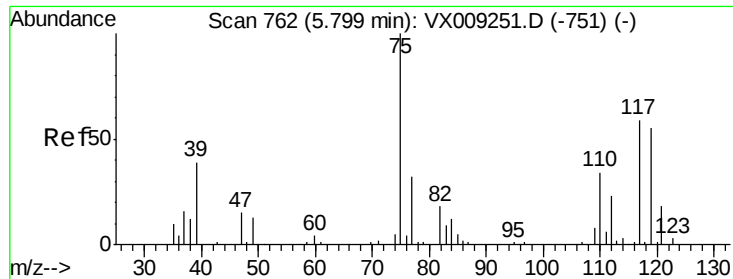


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

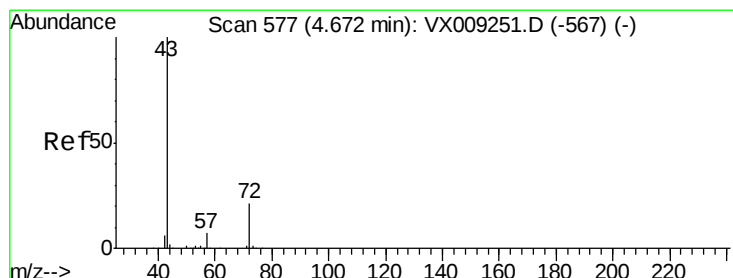
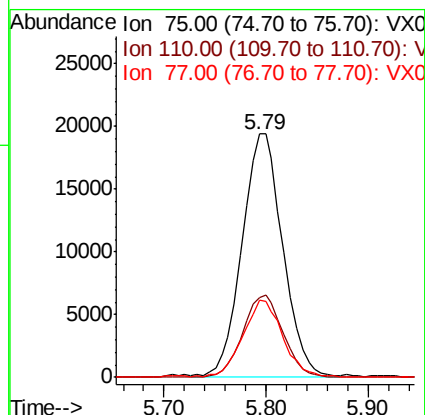
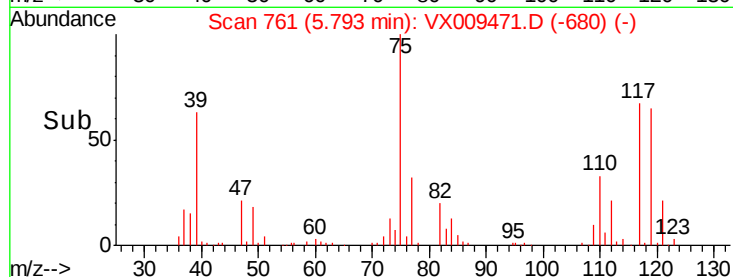
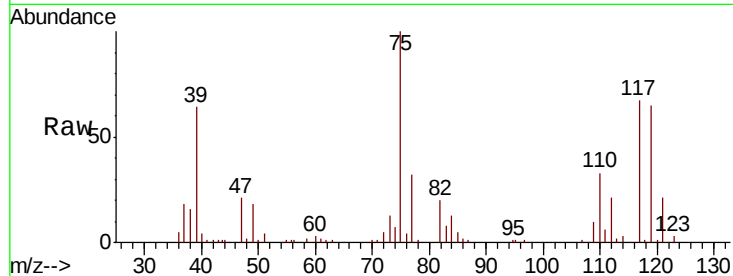




#29
 1,1-Dichloropropene
 Concen: 22.410 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX009471.D
 Acq: 10 May 2019 10:06

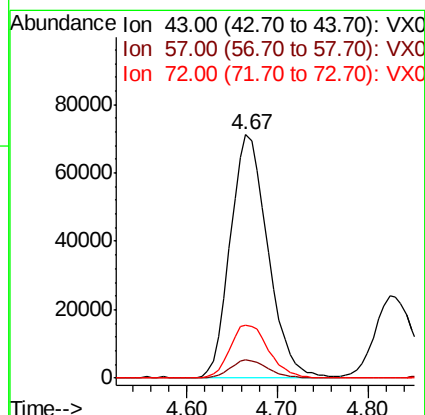
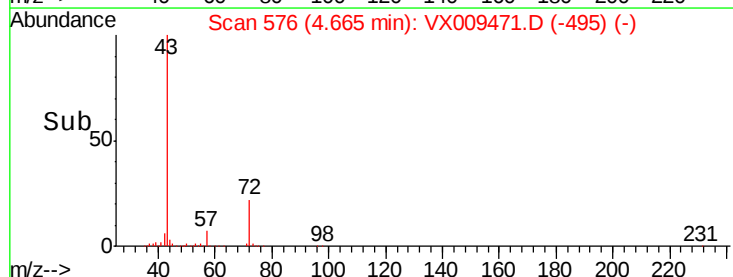
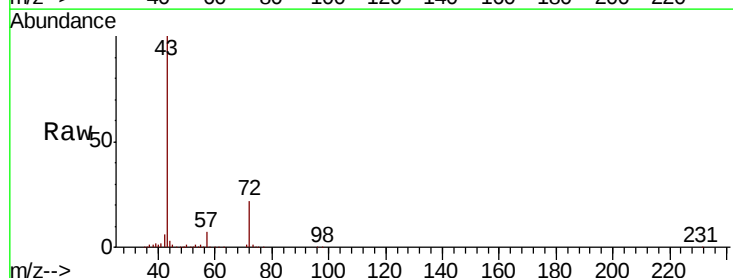
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

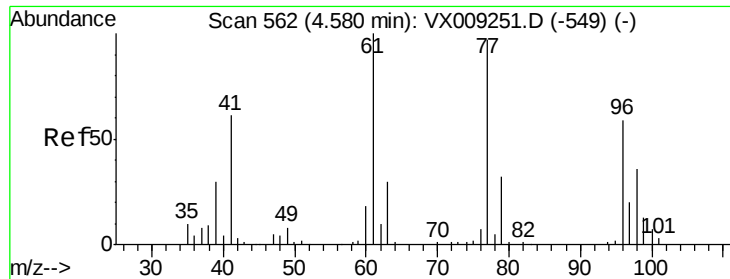
Tgt Ion: 75 Resp: 54060
 Ion Ratio Lower Upper
 75 100
 110 33.2 0.0 66.4
 77 31.0 0.0 62.2



#30
 2-Butanone
 Concen: 107.372 ug/l
 RT: 4.67 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: VX009471.D
 Acq: 10 May 2019 10:06

Tgt Ion: 43 Resp: 202845
 Ion Ratio Lower Upper
 43 100
 57 7.6 6.0 9.0
 72 22.5 18.2 27.4

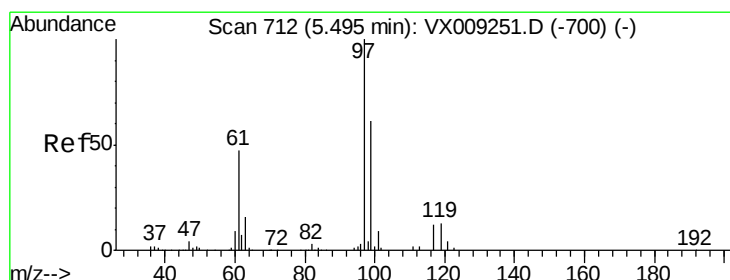
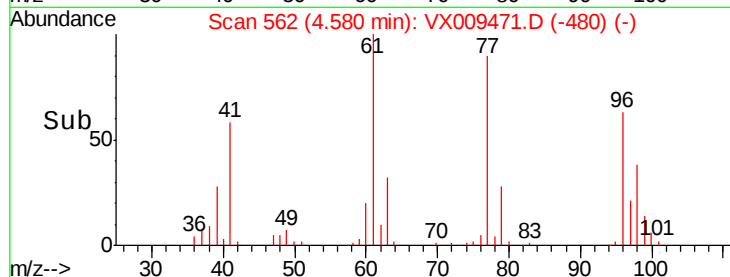
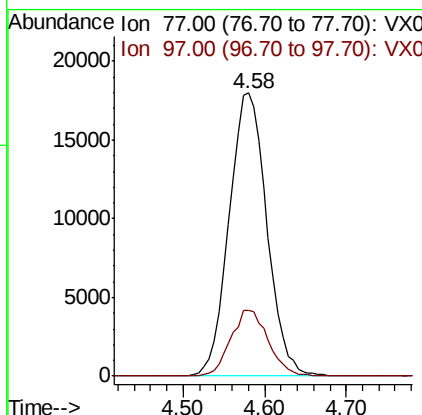
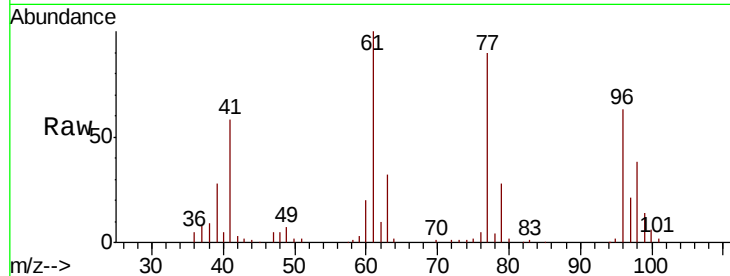




#31
 2,2-Dichloropropane
 Concen: 21.673 ug/l
 RT: 4.58 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: VX009471.D
 Acq: 10 May 2019 10:06

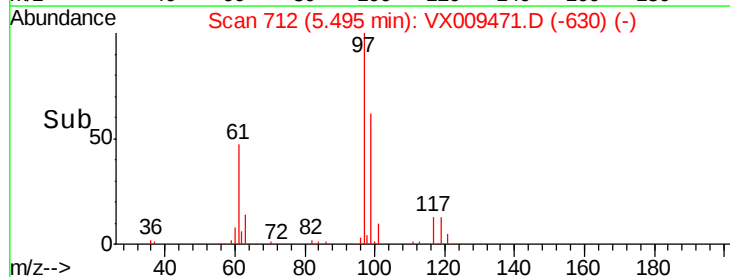
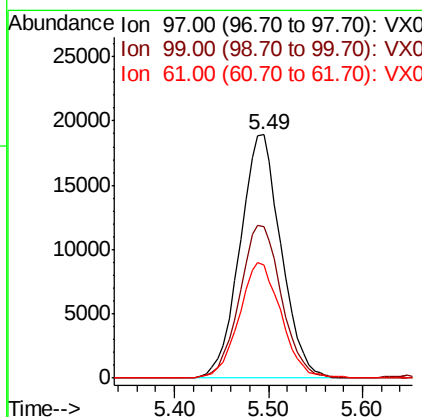
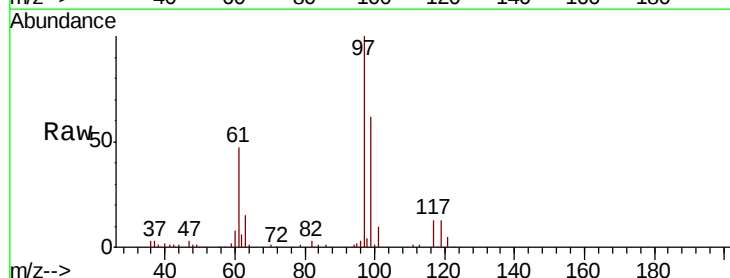
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

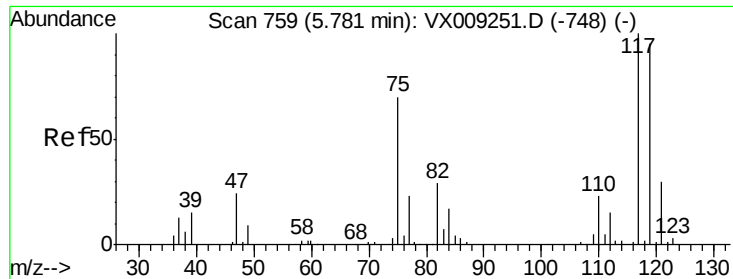
Tgt Ion: 77 Resp: 57637
 Ion Ratio Lower Upper
 77 100
 97 23.1 18.3 27.5



#32
 1,1,1-Trichloroethane
 Concen: 22.105 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX009471.D
 Acq: 10 May 2019 10:06

Tgt Ion: 97 Resp: 57806
 Ion Ratio Lower Upper
 97 100
 99 64.0 53.9 80.9
 61 48.3 38.6 58.0

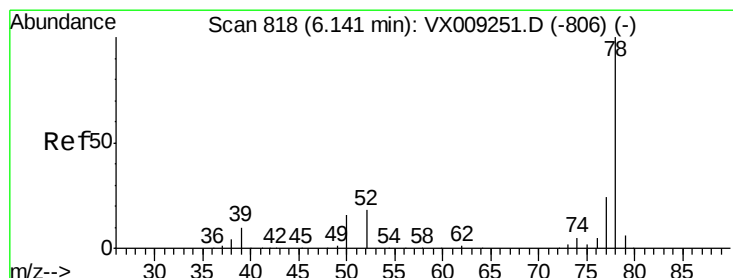
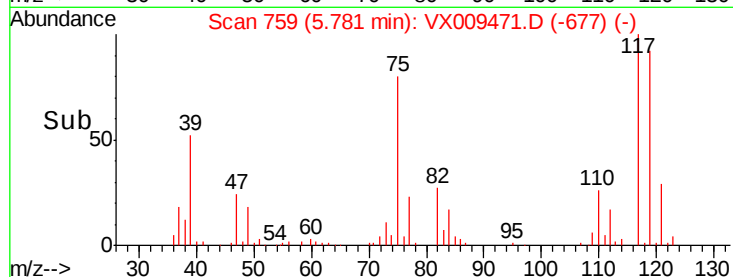
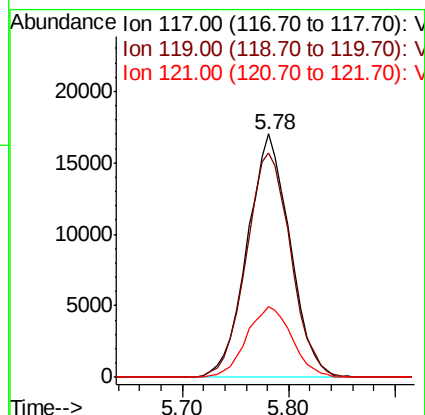
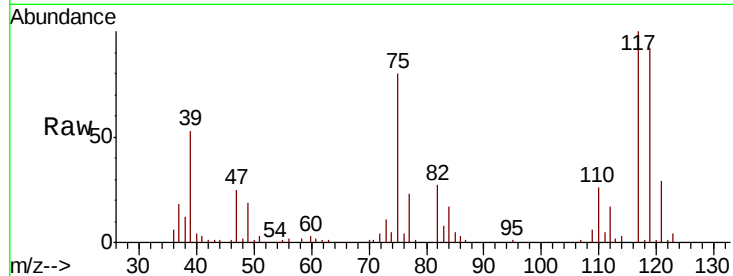




#33
Carbon Tetrachloride
Concen: 21.871 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX009471.D
Acq: 10 May 2019 10:06

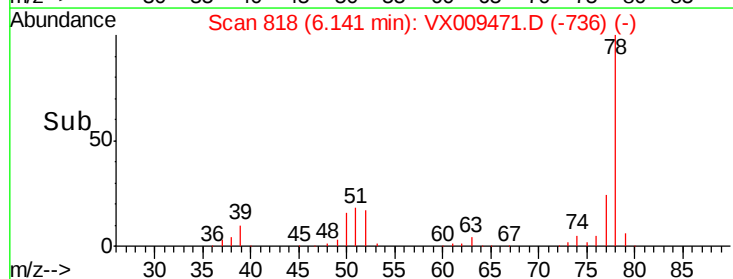
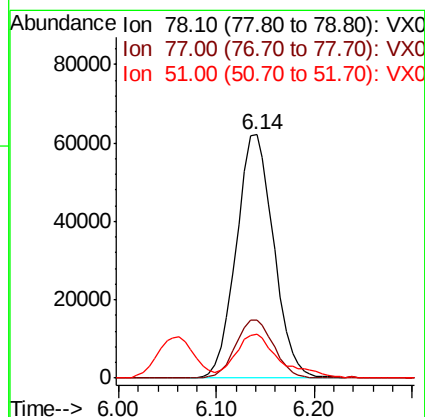
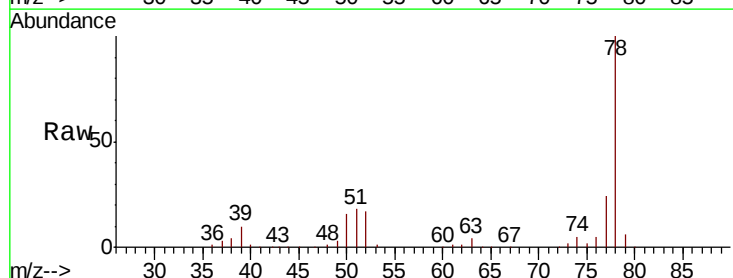
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

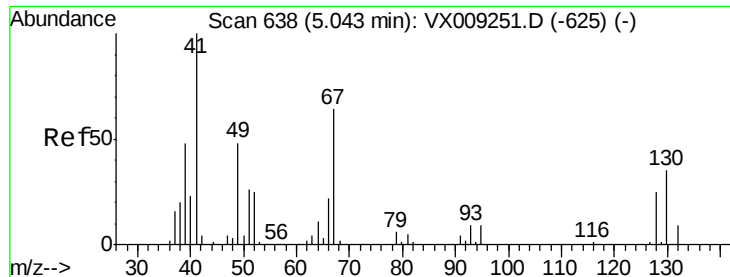
Tgt Ion: 117 Resp: 47855
Ion Ratio Lower Upper
117 100
119 92.0 76.1 114.1
121 29.0 24.4 36.6



#34
Benzene
Concen: 22.234 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX009471.D
Acq: 10 May 2019 10:06

Tgt Ion: 78 Resp: 165356
Ion Ratio Lower Upper
78 100
77 23.8 18.8 28.2
51 17.5 13.5 20.3

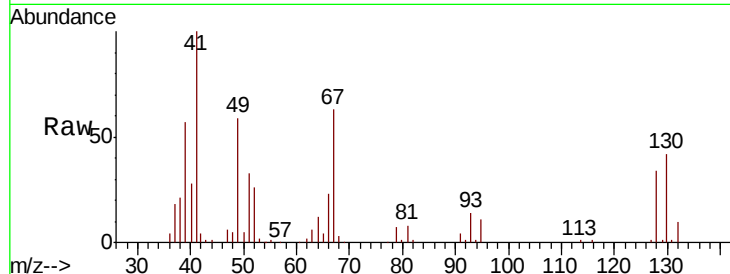




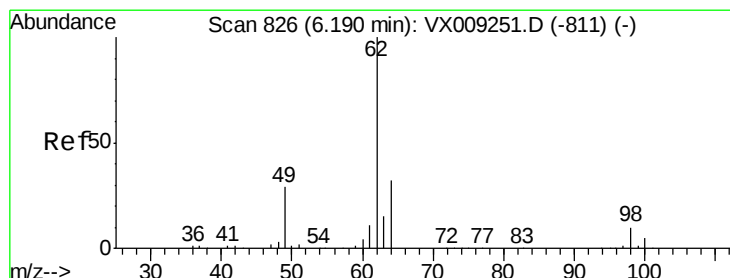
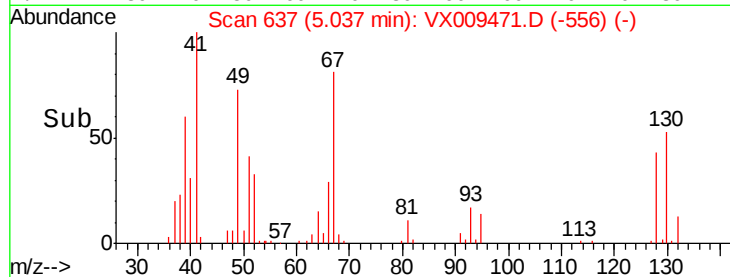
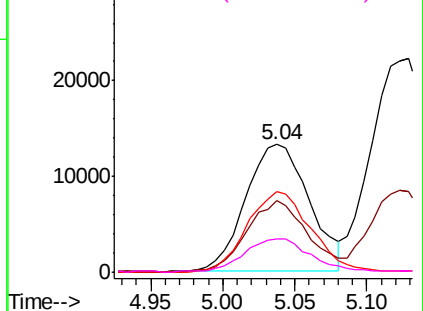
#35
Methacrylonitrile
Concen: 20.582 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX009471.D
Acq: 10 May 2019 10:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:	41	Resp:	40681
Ion	Ratio	Lower	Upper
41	100		
39	55.9	24.1	72.3
67	63.4	32.2	96.6
52	25.4	12.4	37.4

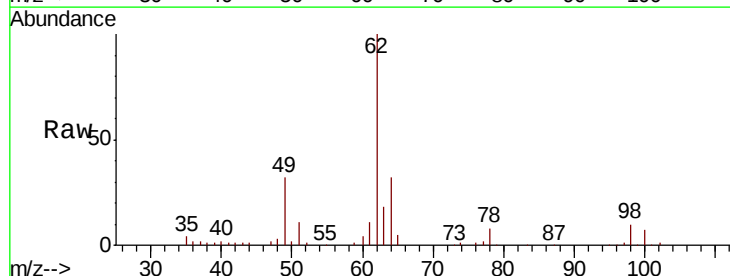


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

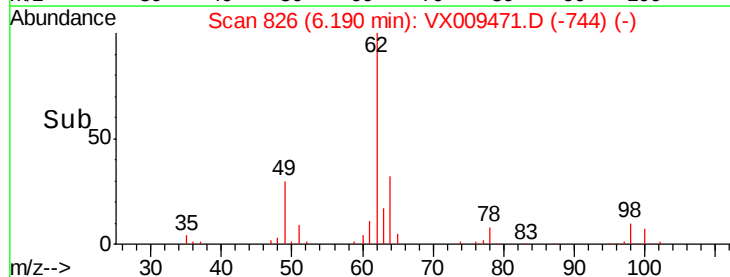
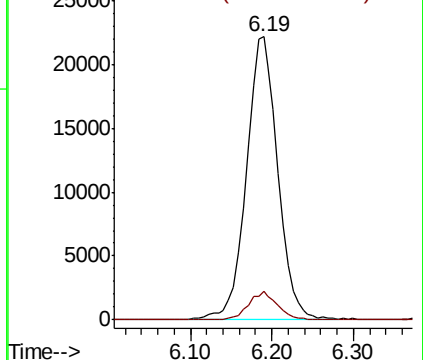


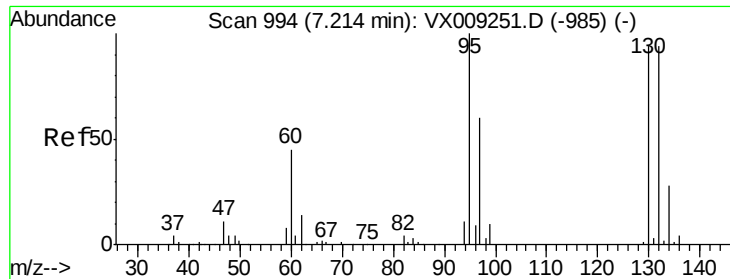
#36
1,2-Dichloroethane
Concen: 22.007 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX009471.D
Acq: 10 May 2019 10:06

Tgt Ion:	62	Resp:	59387
Ion	Ratio	Lower	Upper
62	100		
98	9.2	7.4	11.2



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

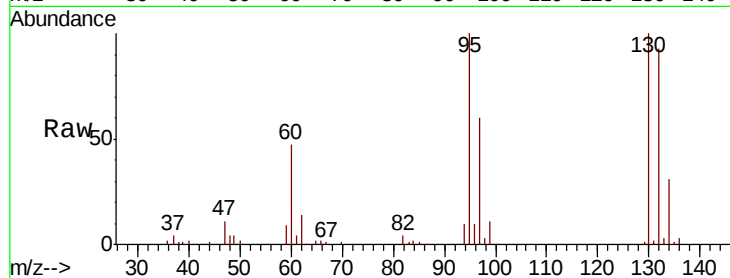




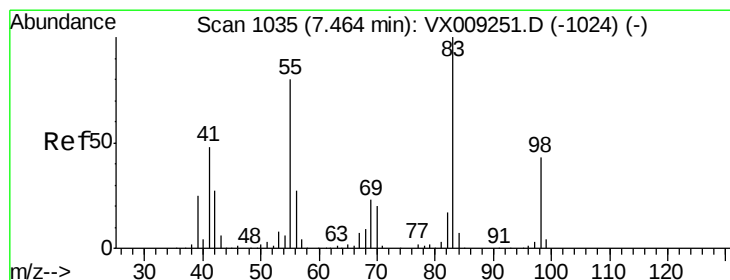
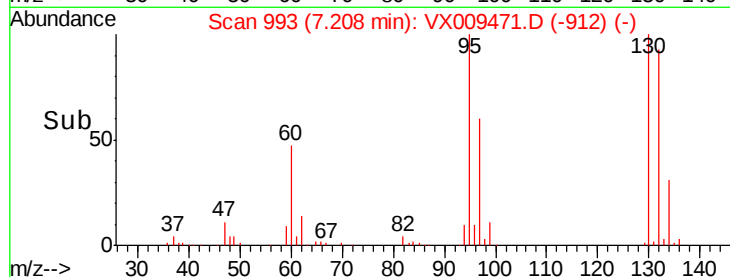
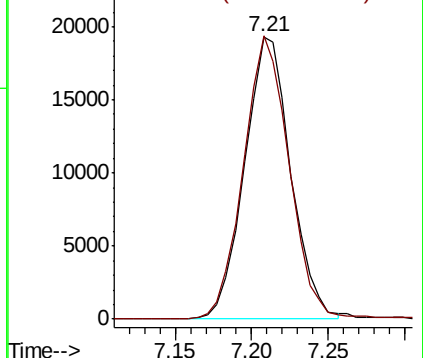
#37
 Trichloroethene
 Concen: 22.608 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX009471.D
 Acq: 10 May 2019 10:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion:130 Resp: 40475
 Ion Ratio Lower Upper
 130 100
 95 99.9 85.0 127.4

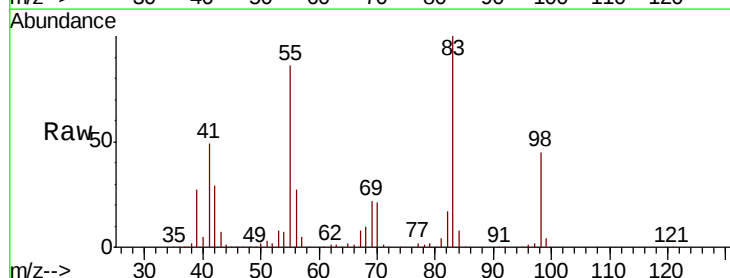


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

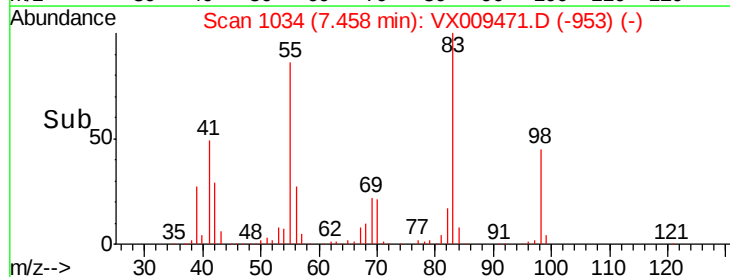
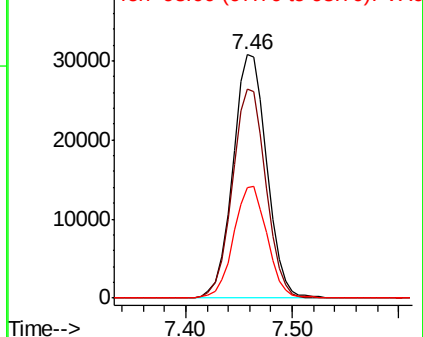


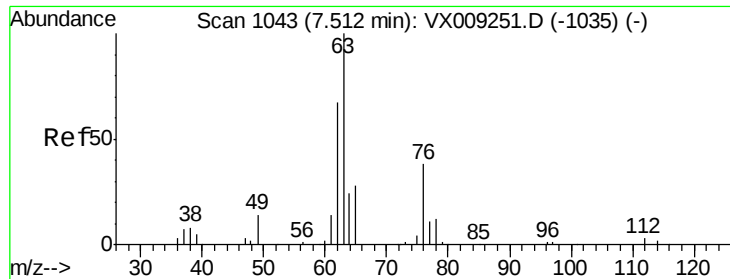
#38
 Methylcyclohexane
 Concen: 23.062 ug/l
 RT: 7.46 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: VX009471.D
 Acq: 10 May 2019 10:06

Tgt Ion: 83 Resp: 68732
 Ion Ratio Lower Upper
 83 100
 55 85.1 43.0 129.2
 98 45.4 22.1 66.1



Abundance Ion 83.00 (82.70 to 83.70): VX0
 Ion 55.00 (54.70 to 55.70): VX0
 Ion 98.00 (97.70 to 98.70): VX0

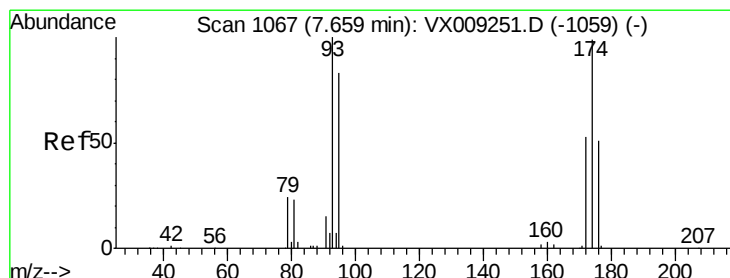
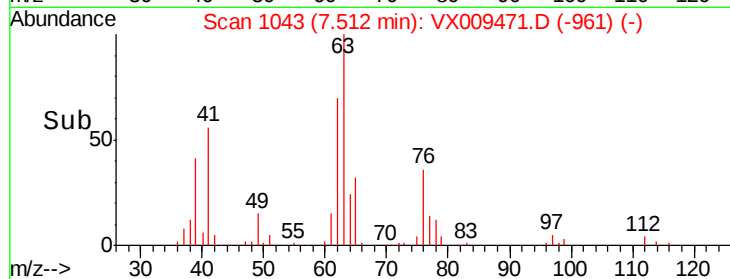
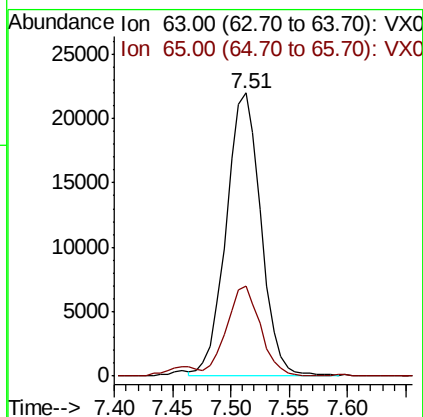
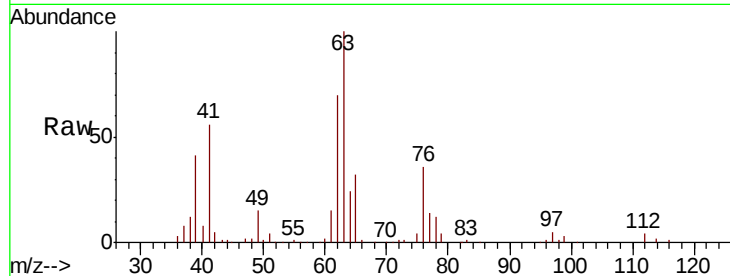




#39
 1,2-Dichloropropane
 Concen: 21.558 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX009471.D
 Acq: 10 May 2019 10:06

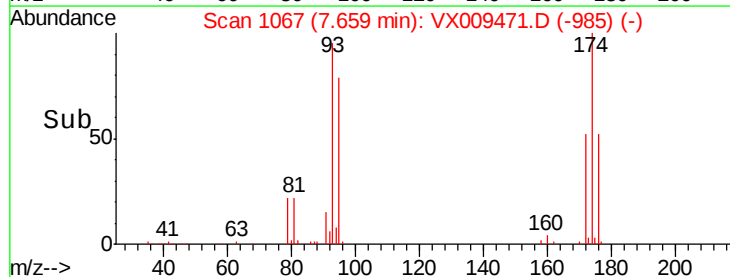
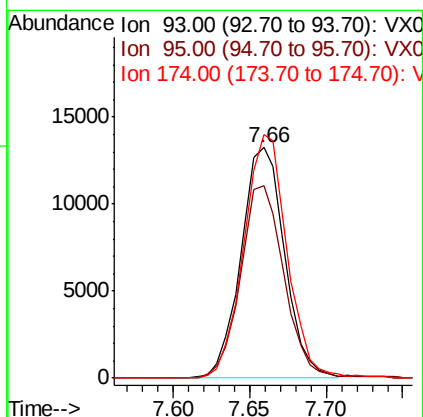
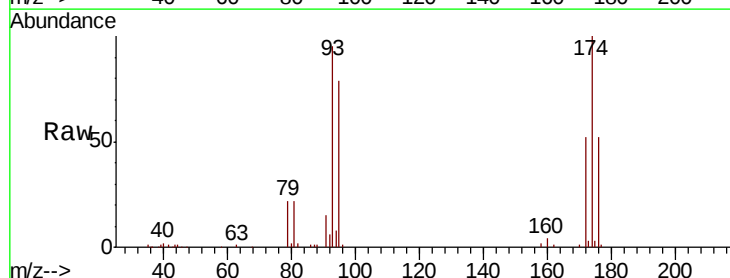
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

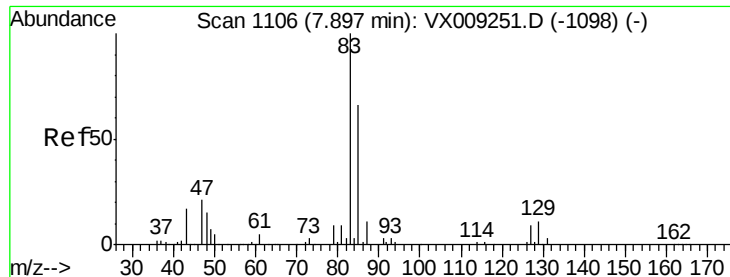
Tgt Ion: 63 Resp: 45656
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.0 36.0



#40
 Dibromomethane
 Concen: 21.920 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX009471.D
 Acq: 10 May 2019 10:06

Tgt Ion: 93 Resp: 26349
 Ion Ratio Lower Upper
 93 100
 95 82.6 0.0 167.2
 174 104.3 0.0 203.4





#41

Bromodichloromethane

Concen: 21.492 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009471.D

Acq: 10 May 2019 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

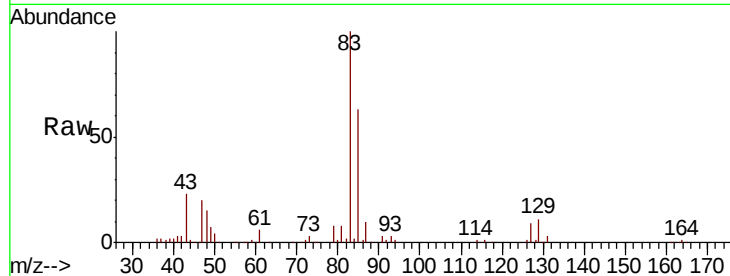
Tgt Ion: 83 Resp: 52770

Ion Ratio Lower Upper

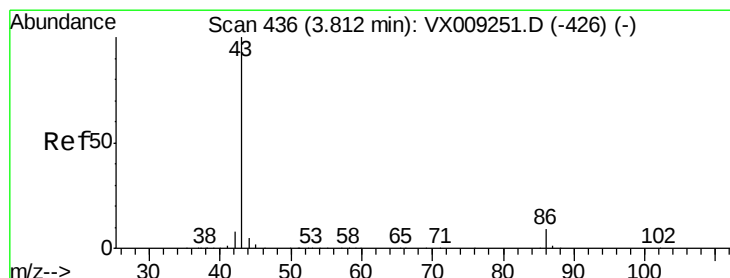
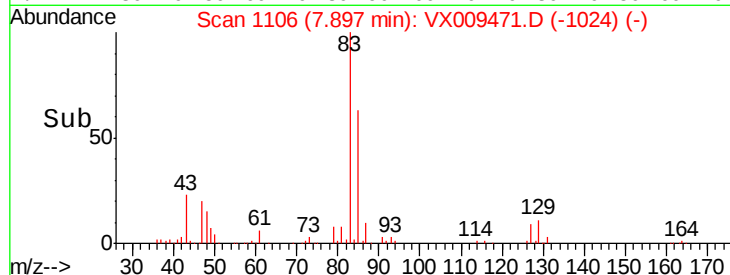
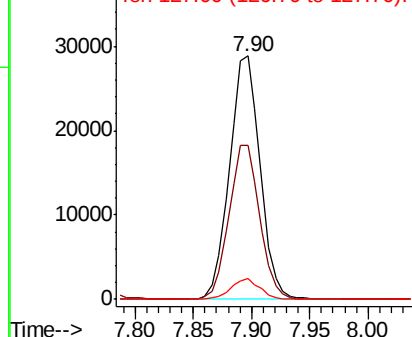
83 100

85 63.4 52.6 79.0

127 8.7 6.9 10.3



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 85.00 (84.70 to 85.70): VX0
Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 109.904 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX009471.D

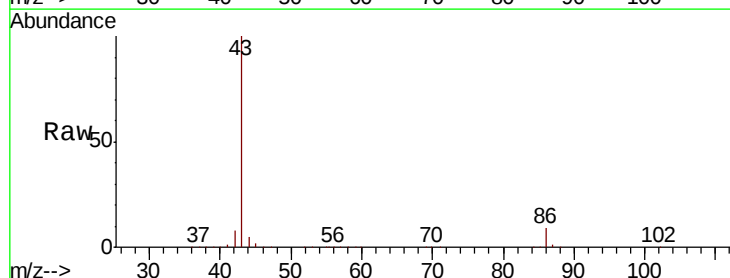
Acq: 10 May 2019 10:06

Tgt Ion: 43 Resp: 685275

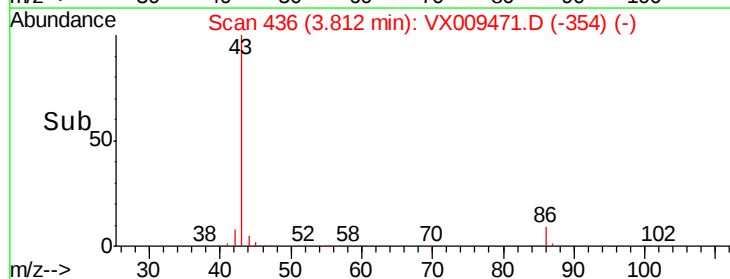
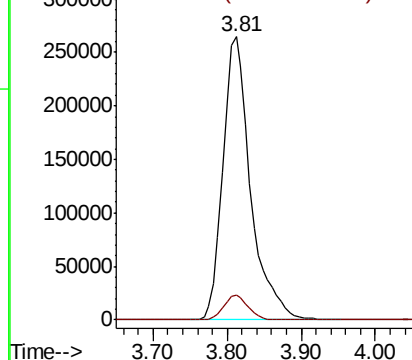
Ion Ratio Lower Upper

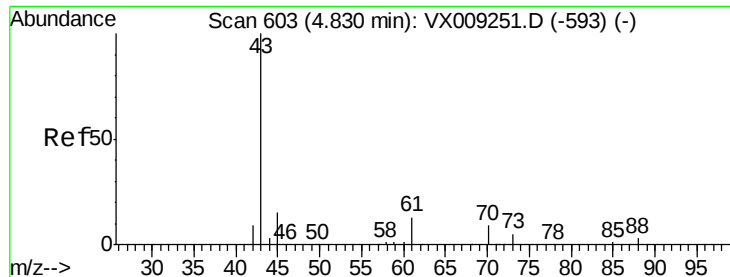
43 100

86 7.7 6.0 9.0



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 20.945 ug/l

RT: 4.82 min Scan# 602

Delta R.T. -0.01 min

Lab File: VX009471.D

Acq: 10 May 2019 10:06

Instrument :

MSVOA_X

ClientSampleId :

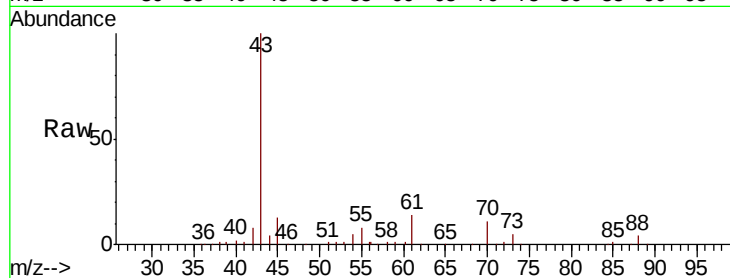
VSTDCCC020

Tgt Ion: 43 Resp: 71501

Ion Ratio Lower Upper

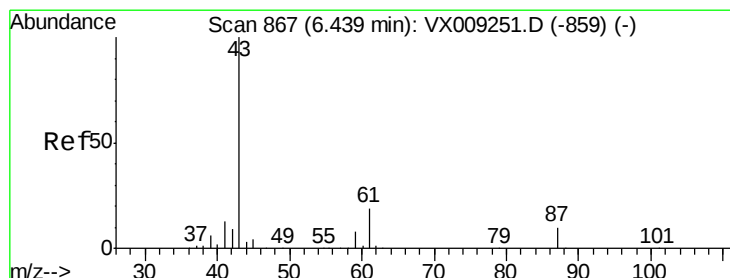
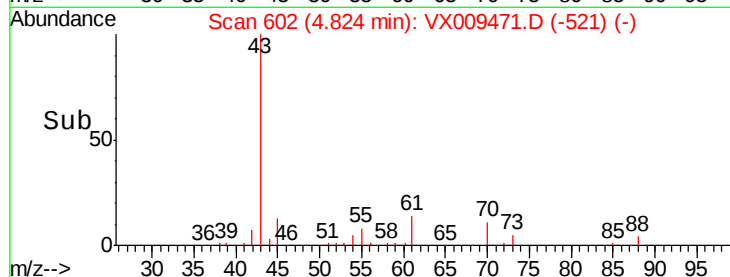
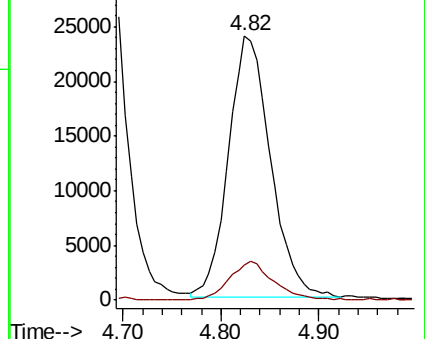
43 100

45 15.5 11.8 17.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#44

Isopropyl Acetate

Concen: 20.672 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX009471.D

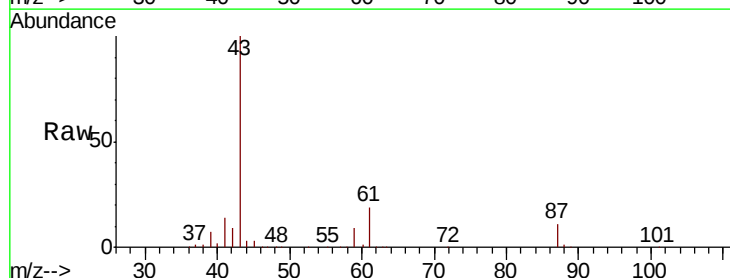
Acq: 10 May 2019 10:06

Tgt Ion: 43 Resp: 114322

Ion Ratio Lower Upper

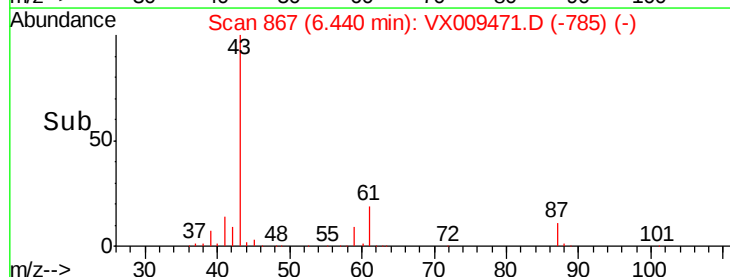
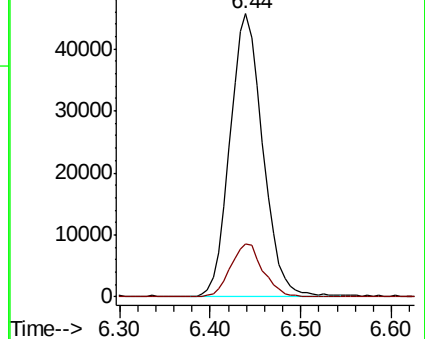
43 100

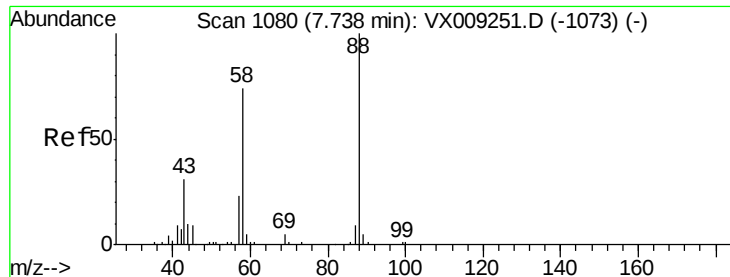
61 18.5 15.4 23.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#45

1,4-Dioxane

Concen: 410.238 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX009471.D

Acq: 10 May 2019 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

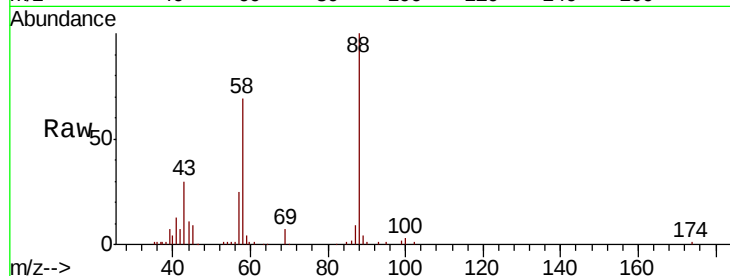
Tgt Ion: 88 Resp: 22274

Ion Ratio Lower Upper

88 100

43 40.4 28.5 42.7

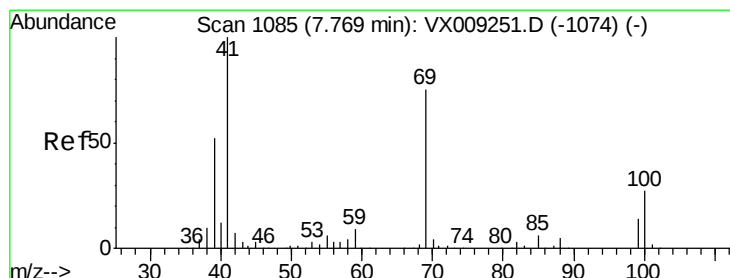
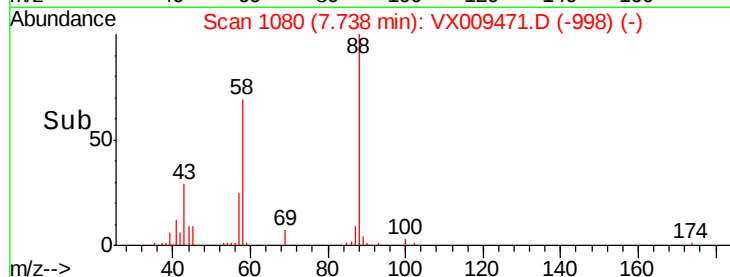
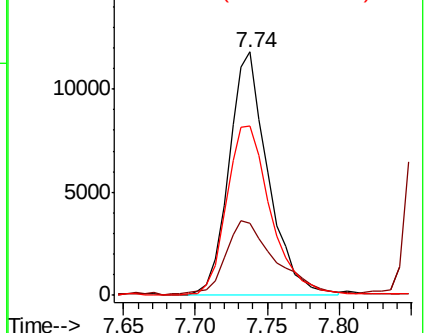
58 79.1 62.5 93.7



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#46

Methyl methacrylate

Concen: 20.876 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX009471.D

Acq: 10 May 2019 10:06

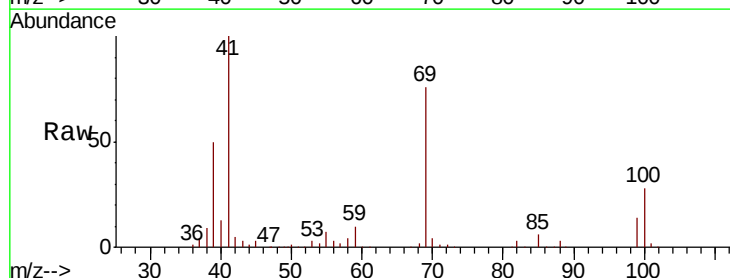
Tgt Ion: 41 Resp: 57623

Ion Ratio Lower Upper

41 100

69 76.2 37.6 112.8

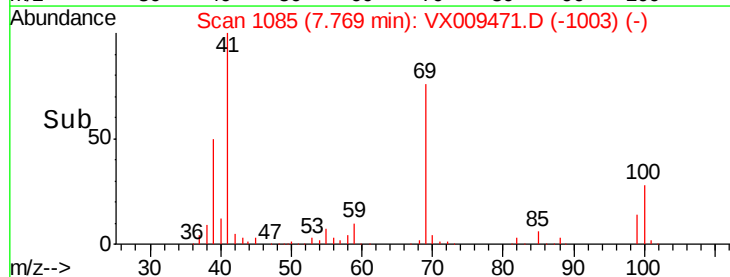
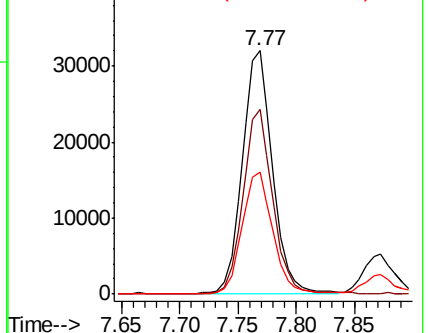
39 49.8 25.8 77.3

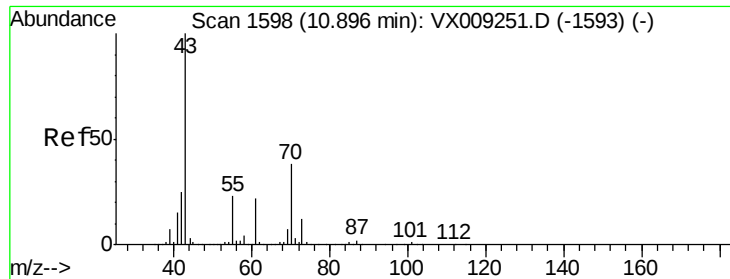


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

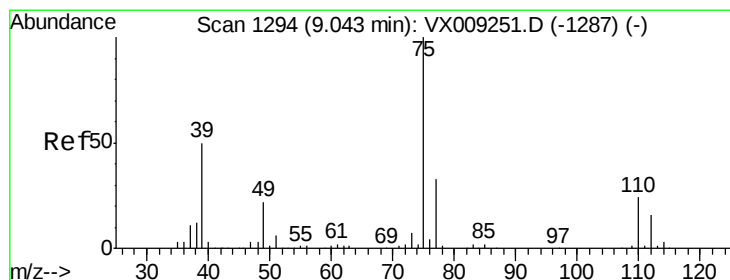
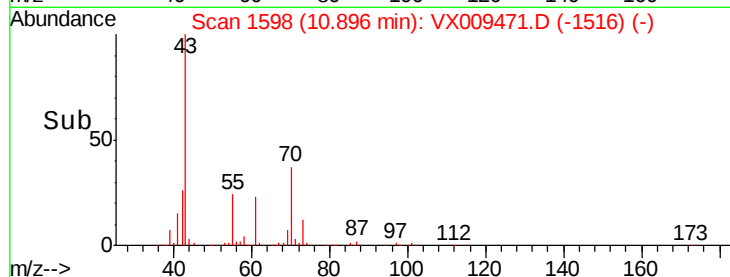
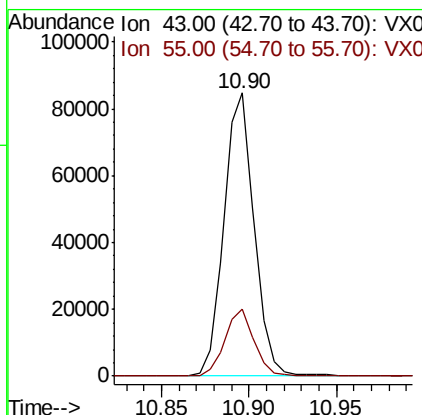
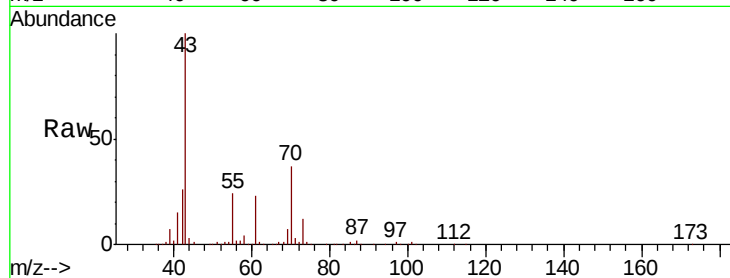




#47
n-amyl Acetate
Concen: 20.335 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX009471.D
Acq: 10 May 2019 10:06

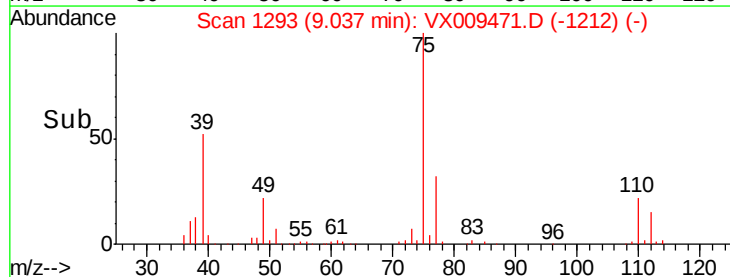
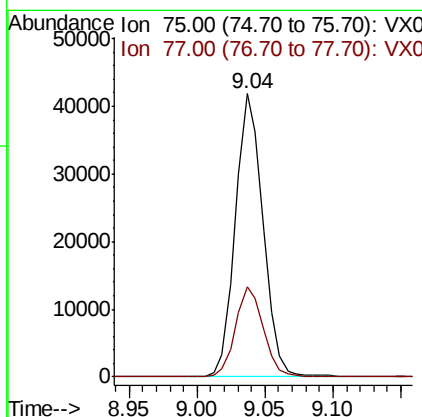
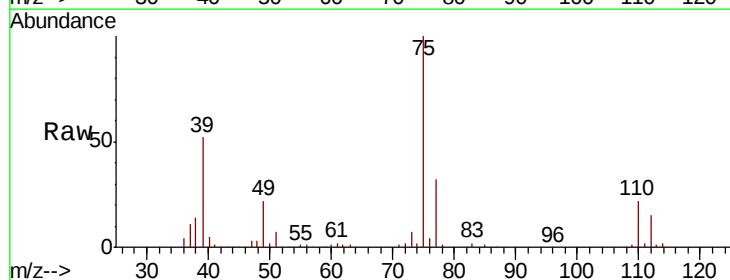
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

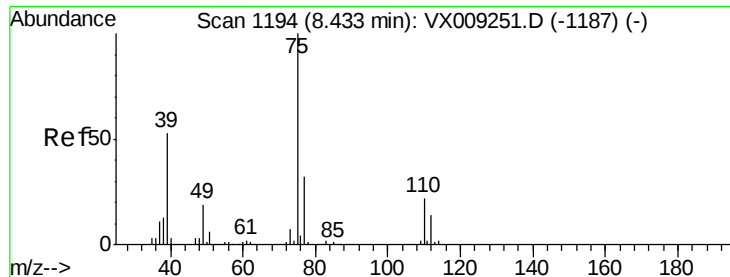
Tgt Ion: 43 Resp: 101304
Ion Ratio Lower Upper
43 100
55 23.2 18.2 27.4



#48
t-1,3-Dichloropropene
Concen: 20.700 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VX009471.D
Acq: 10 May 2019 10:06

Tgt Ion: 75 Resp: 59303
Ion Ratio Lower Upper
75 100
77 32.0 26.5 39.7

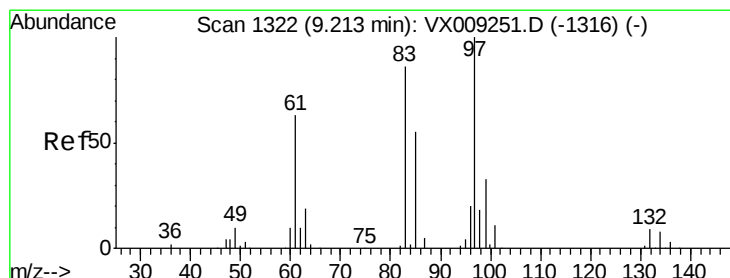
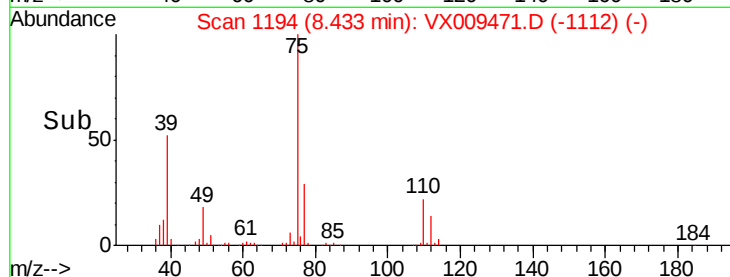
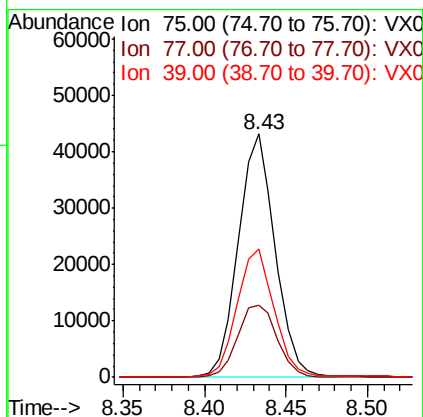
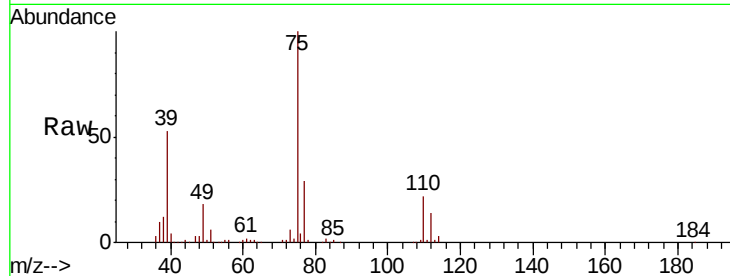




#49
 cis-1,3-Dichloropropene
 Concen: 21.556 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX009471.D
 Acq: 10 May 2019 10:06

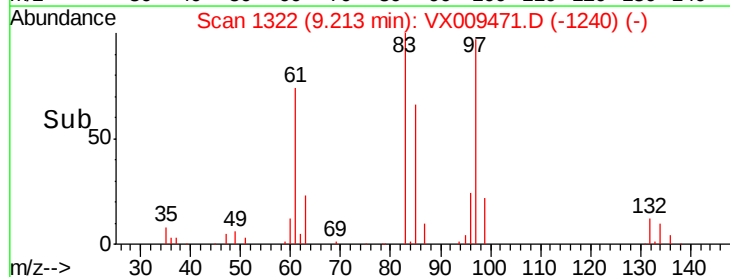
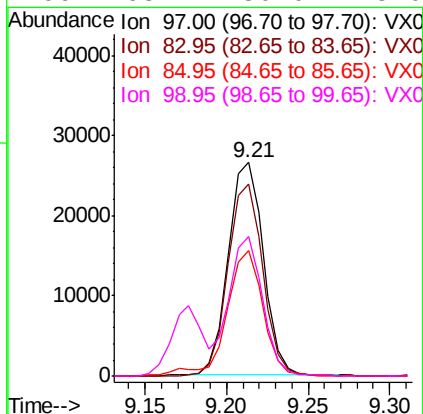
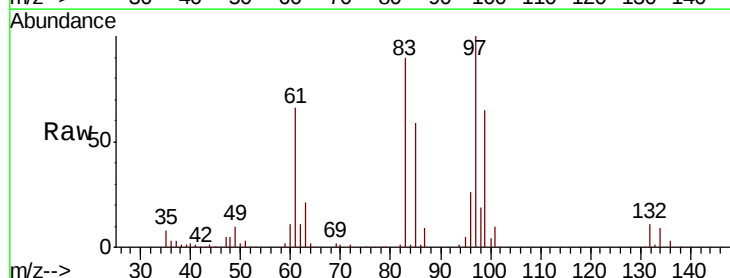
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

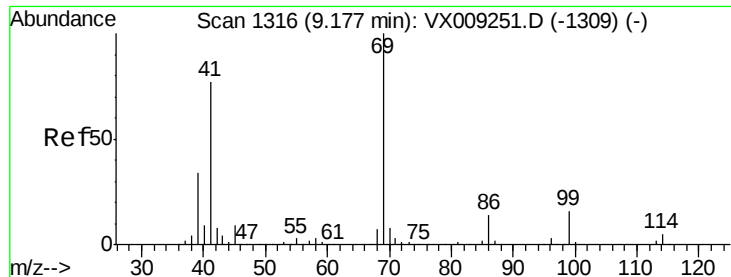
Tgt Ion: 75 Resp: 67794
 Ion Ratio Lower Upper
 75 100
 77 29.5 26.0 39.0
 39 52.6 42.6 63.8



#50
 1,1,2-Trichloroethane
 Concen: 21.530 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009471.D
 Acq: 10 May 2019 10:06

Tgt Ion: 97 Resp: 39650
 Ion Ratio Lower Upper
 97 100
 83 90.2 68.8 103.2
 85 59.1 45.8 68.6
 99 65.4 50.0 75.0





#51

Ethyl methacrylate

Concen: 20.957 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX009471.D

Acq: 10 May 2019 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

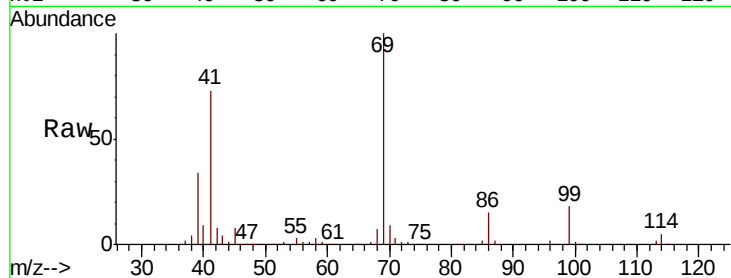
Tgt Ion: 69 Resp: 71321

Ion Ratio Lower Upper

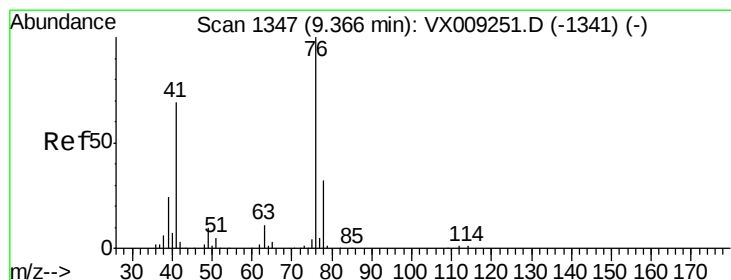
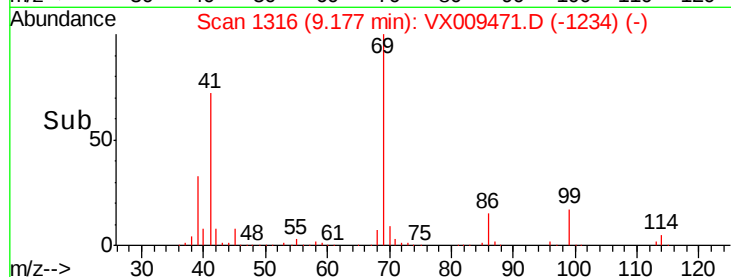
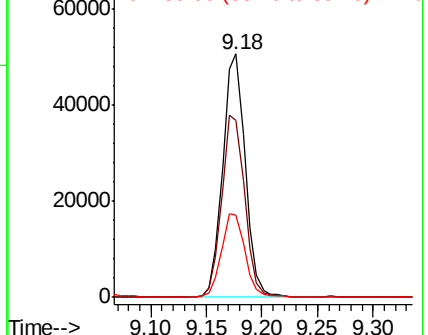
69 100

41 72.5 38.4 115.2

39 33.5 17.2 51.5



Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 21.879 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VX009471.D

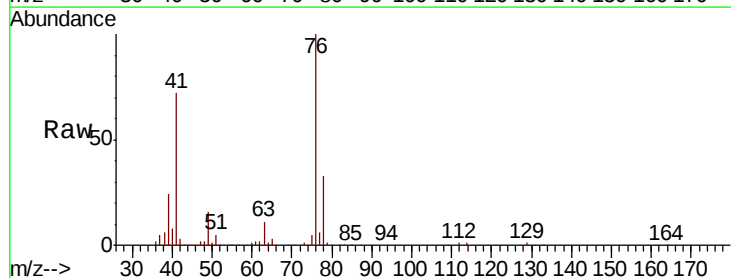
Acq: 10 May 2019 10:06

Tgt Ion: 76 Resp: 71510

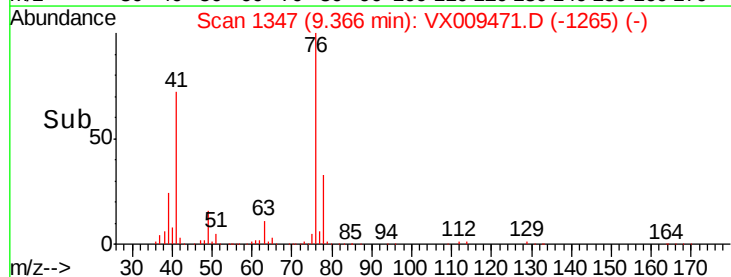
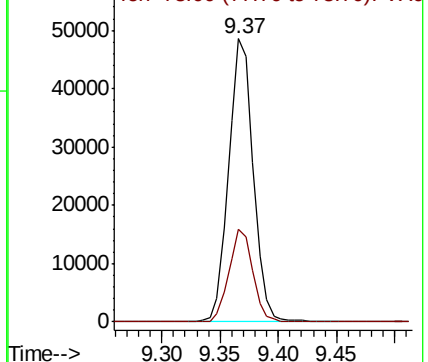
Ion Ratio Lower Upper

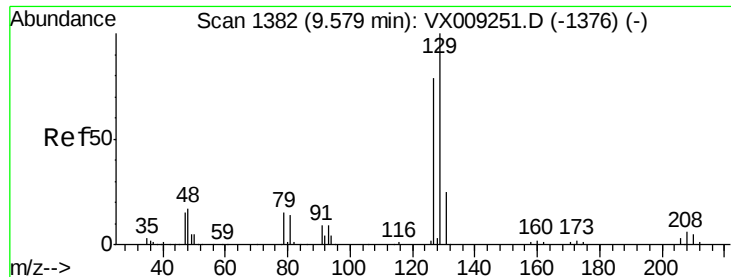
76 100

78 31.6 0.0 64.2



Abundance Ion 76.00 (75.70 to 76.70): VX0
Ion 78.00 (77.70 to 78.70): VX0

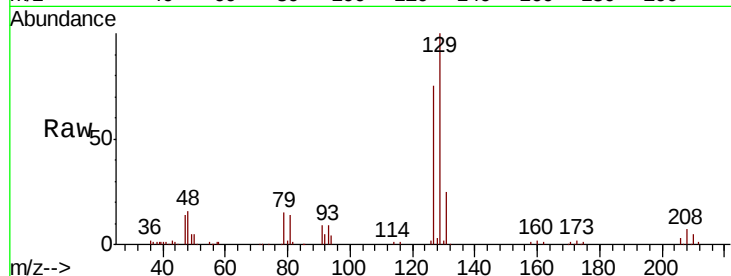




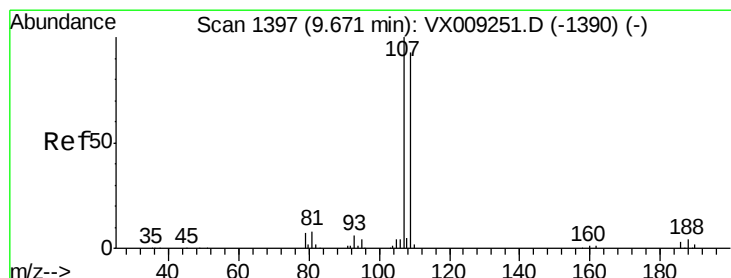
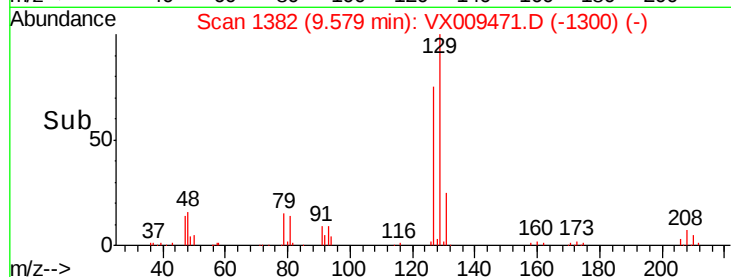
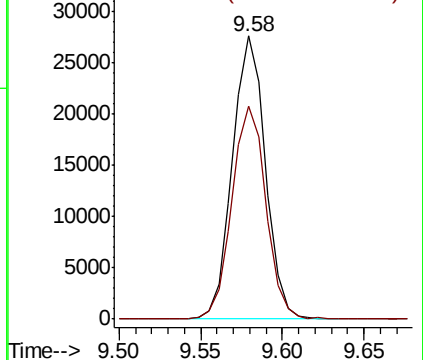
#53
 Dibromochloromethane
 Concen: 21.207 ug/l
 RT: 9.58 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VX009471.D
 Acq: 10 May 2019 10:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion:129 Resp: 38895
 Ion Ratio Lower Upper
 129 100
 127 77.1 39.1 117.5

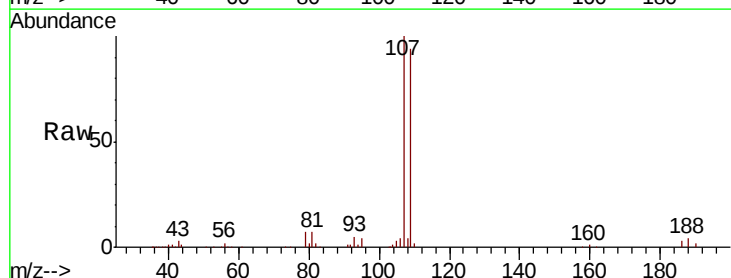


Abundance Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V

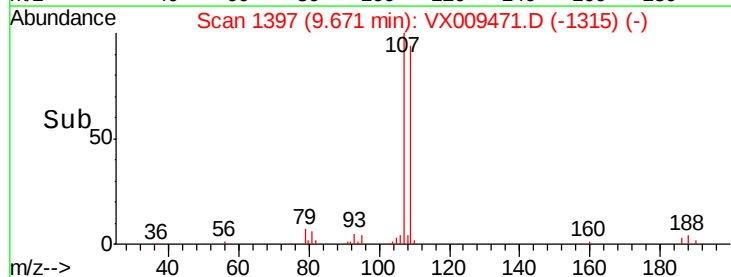
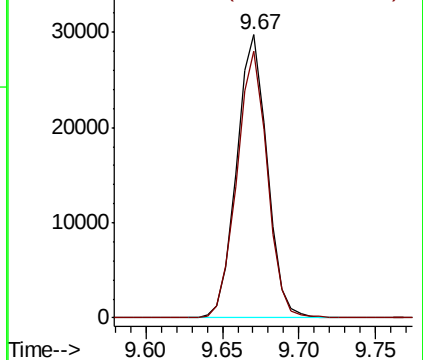


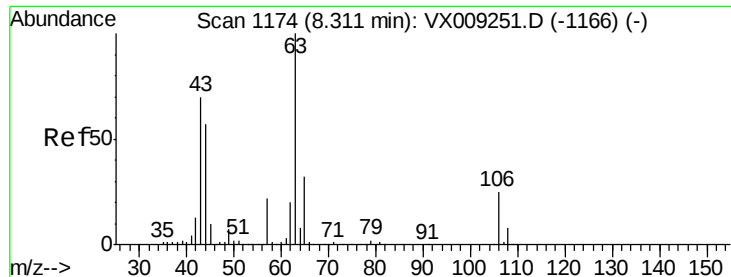
#54
 1,2-Dibromoethane
 Concen: 21.848 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX009471.D
 Acq: 10 May 2019 10:06

Tgt Ion:107 Resp: 41265
 Ion Ratio Lower Upper
 107 100
 109 93.7 75.5 113.3



Abundance Ion 107.00 (106.70 to 107.70): V
 Ion 109.00 (108.70 to 109.70): V

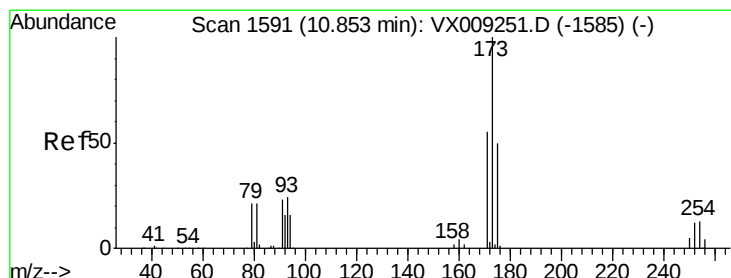
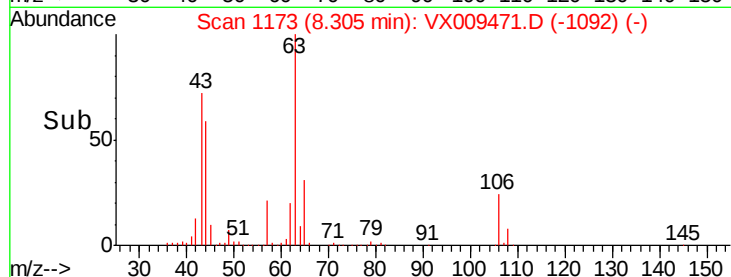
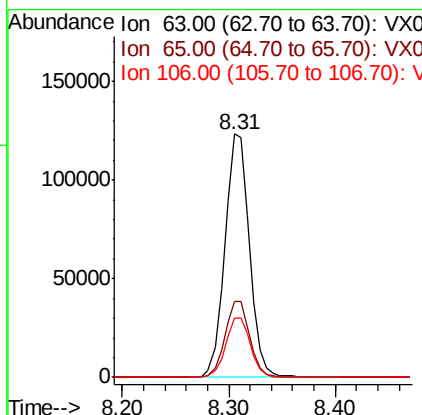
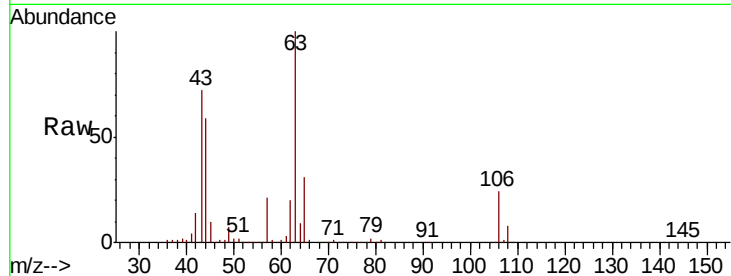




#55
2-Chloroethyl vinyl ether
Concen: 109.604 ug/l
RT: 8.31 min Scan# 1173
Delta R.T. -0.01 min
Lab File: VX009471.D
Acq: 10 May 2019 10:06

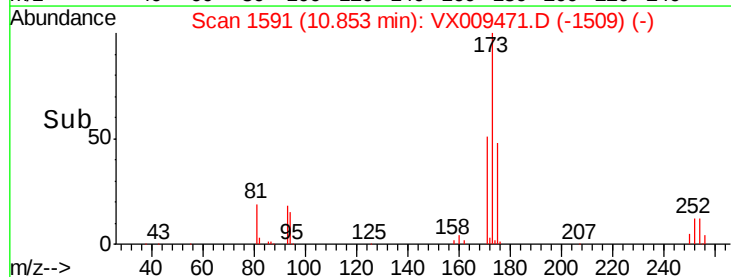
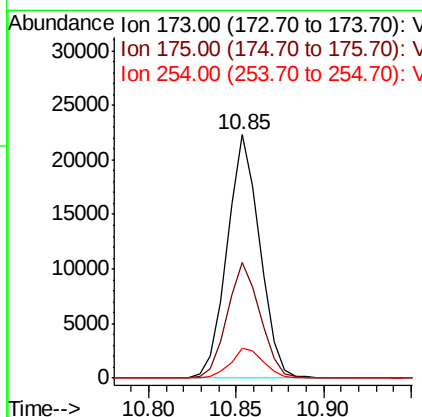
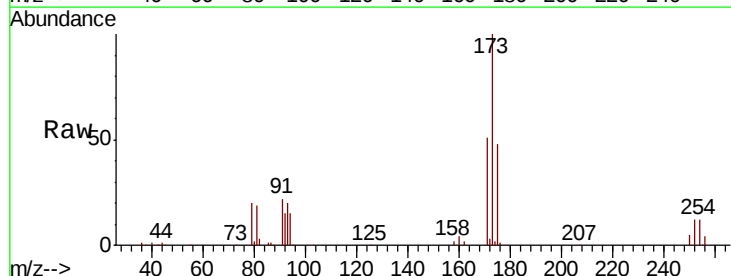
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

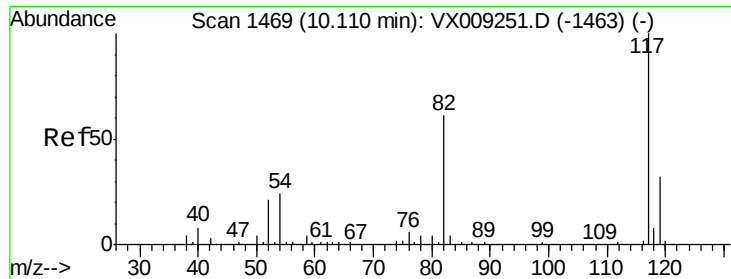
Tgt Ion: 63 Resp: 198763
Ion Ratio Lower Upper
63 100
65 31.4 25.8 38.6
106 24.8 19.8 29.6



#56
Bromoform
Concen: 20.497 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX009471.D
Acq: 10 May 2019 10:06

Tgt Ion: 173 Resp: 28858
Ion Ratio Lower Upper
173 100
175 47.8 39.4 59.2
254 12.3 9.9 14.9

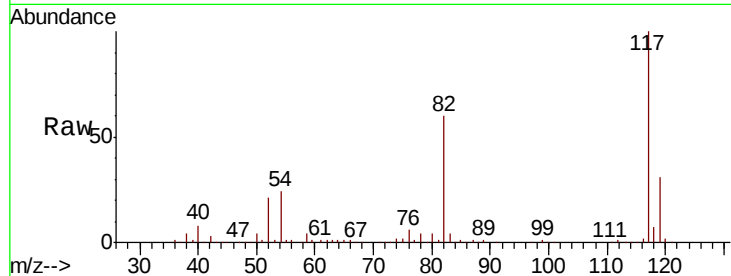




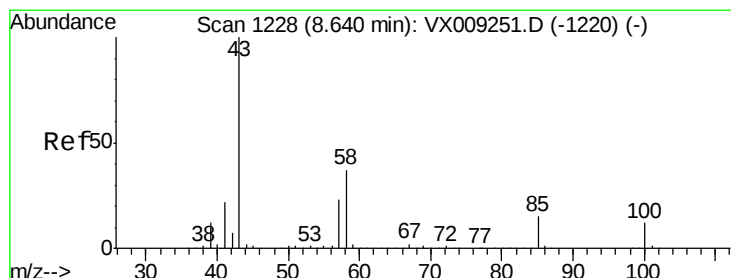
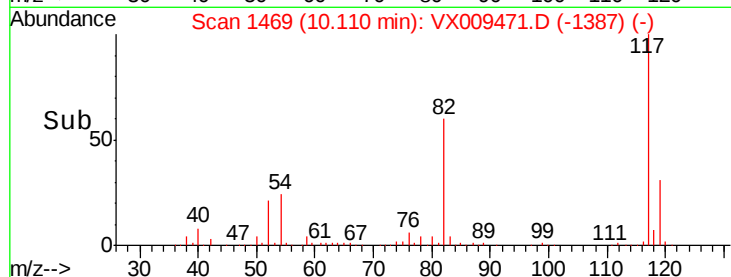
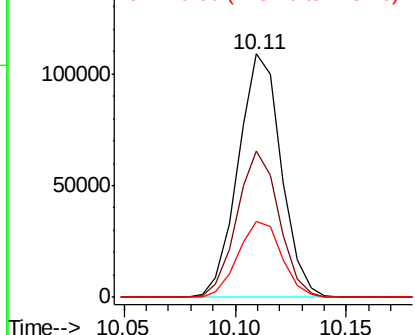
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009471.D
Acq: 10 May 2019 10:06

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tgt Ion: 117 Resp: 146624
Ion Ratio Lower Upper
117 100
82 59.2 47.8 71.8
119 32.2 25.6 38.4

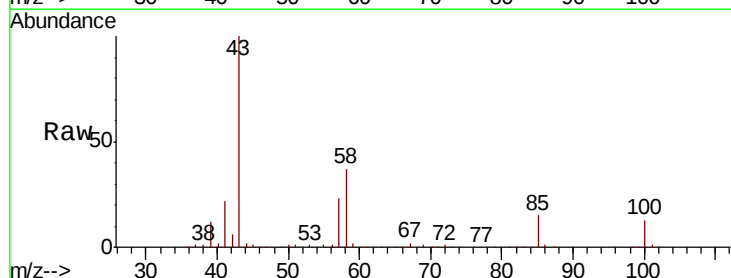


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

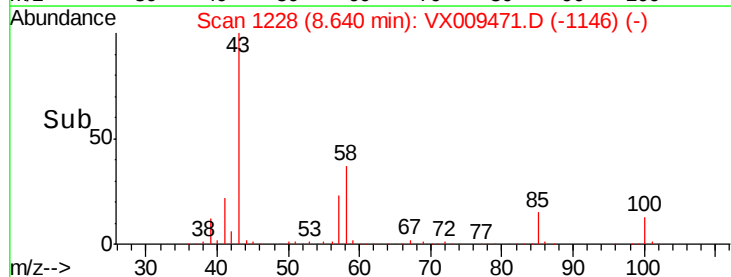
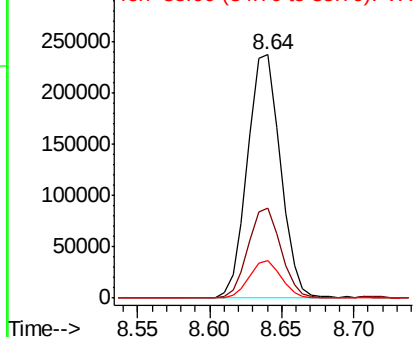


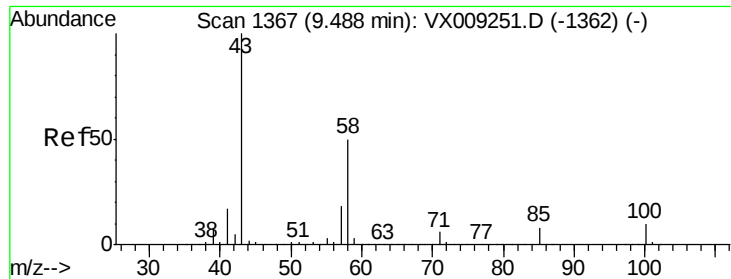
#58
4-Methyl-2-Pentanone
Concen: 104.180 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX009471.D
Acq: 10 May 2019 10:06

Tgt Ion: 43 Resp: 375600
Ion Ratio Lower Upper
43 100
58 36.5 29.4 44.0
85 15.1 11.8 17.8



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 85.00 (84.70 to 85.70): VX0

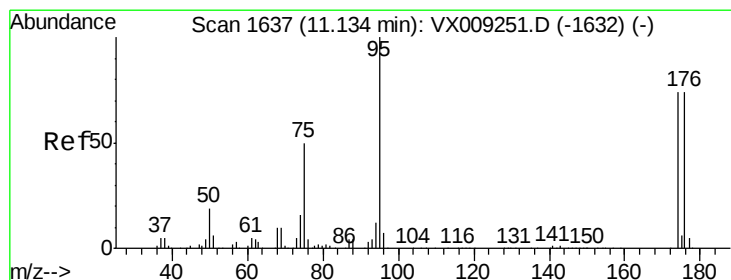
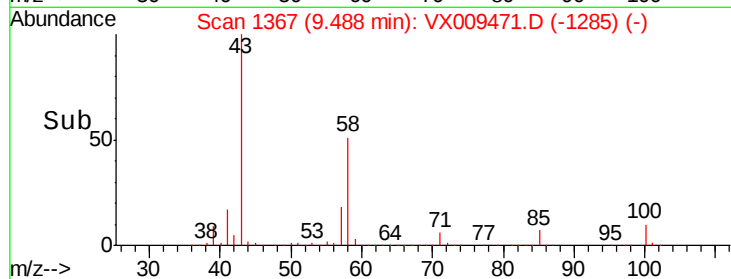
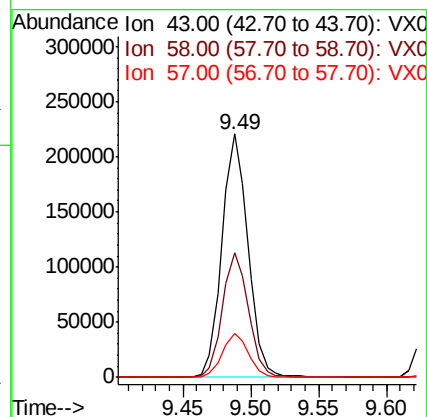
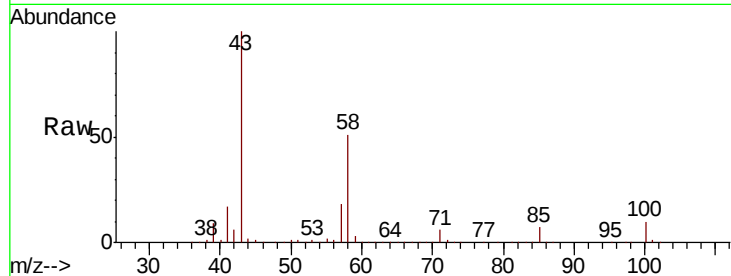




#59
2-Hexanone
Concen: 103.395 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009471.D
Acq: 10 May 2019 10:06

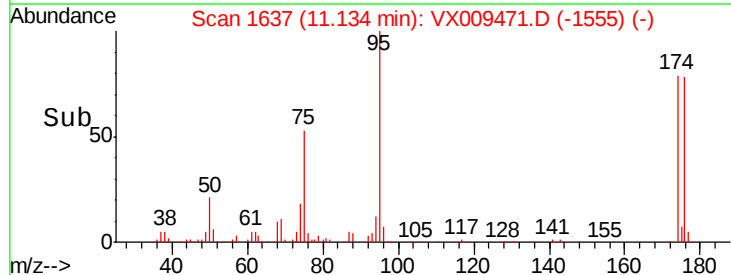
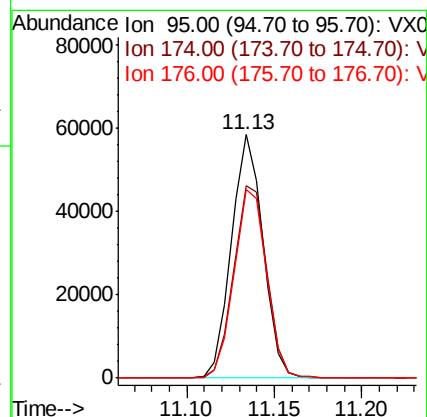
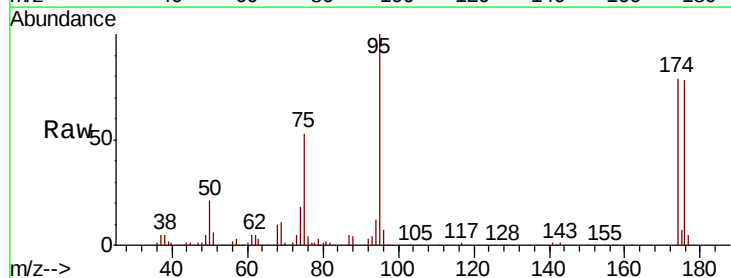
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

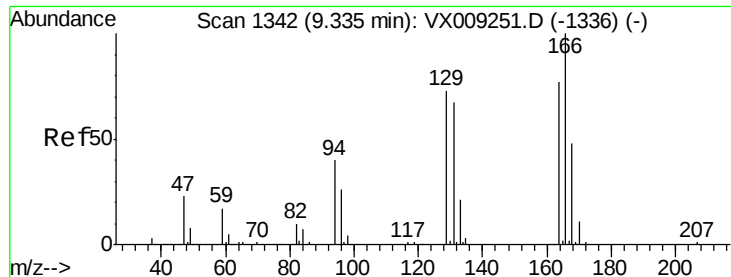
Tgt Ion: 43 Resp: 292381
Ion Ratio Lower Upper
43 100
58 51.0 40.8 61.2
57 17.9 14.1 21.1



#60
4-Bromofluorobenzene
Concen: 29.482 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009471.D
Acq: 10 May 2019 10:06

Tgt Ion: 95 Resp: 73453
Ion Ratio Lower Upper
95 100
174 83.1 63.6 95.4
176 80.3 62.4 93.6





#61

Tetrachloroethene

Concen: 23.181 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX009471.D

Acq: 10 May 2019 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:164 Resp: 37469

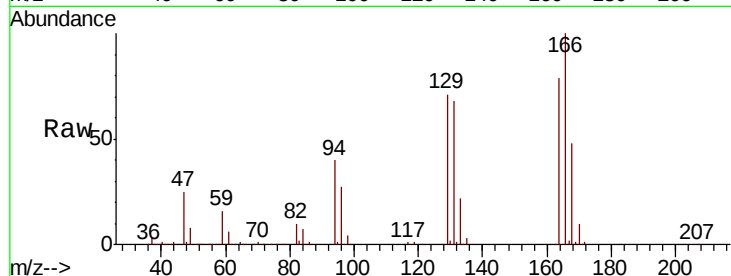
Ion Ratio Lower Upper

164 100

166 127.2 104.1 156.1

129 89.7 76.0 114.0

131 86.0 70.1 105.1

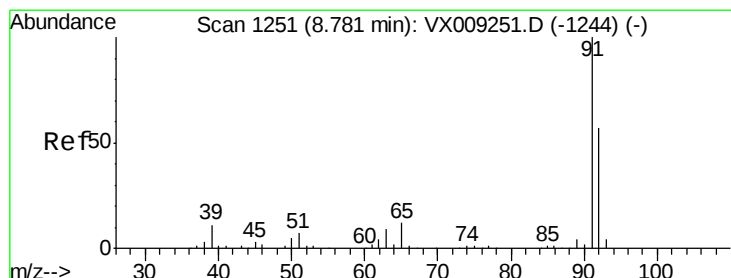
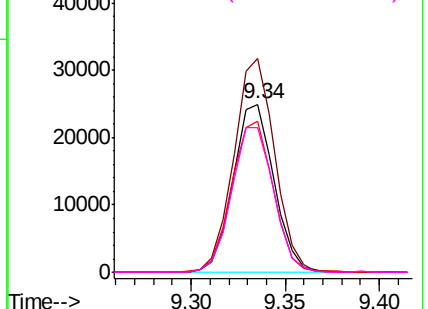
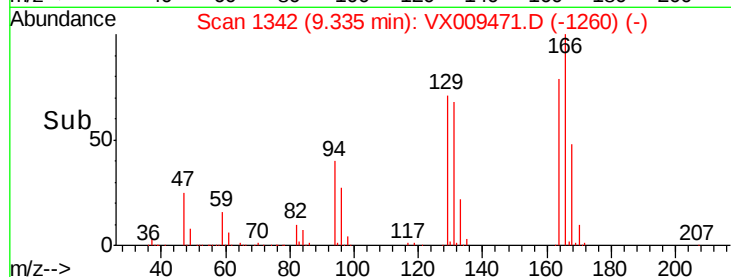


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 22.329 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX009471.D

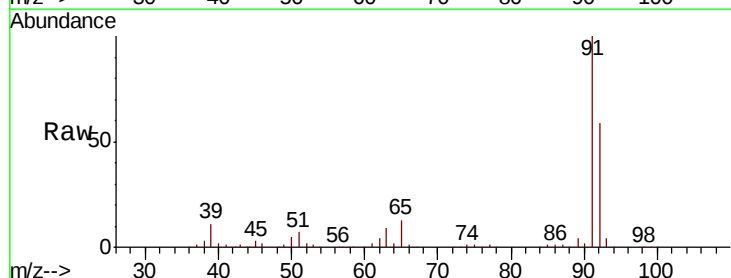
Acq: 10 May 2019 10:06

Tgt Ion: 91 Resp: 174946

Ion Ratio Lower Upper

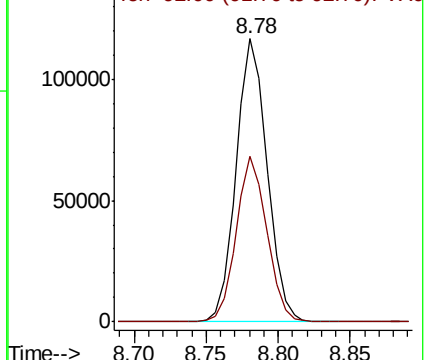
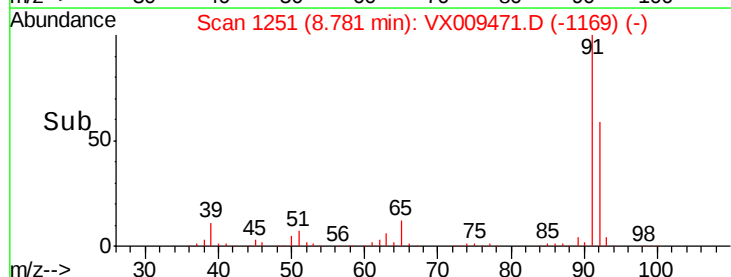
91 100

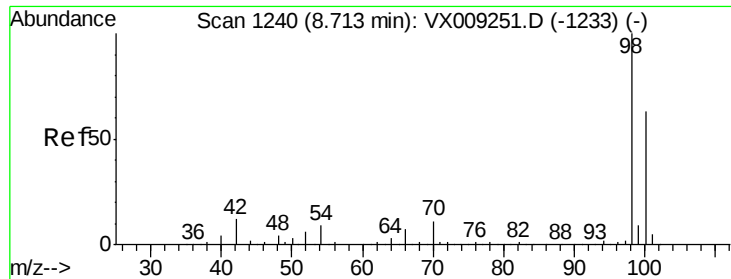
92 57.5 46.1 69.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.706 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009471.D

Acq: 10 May 2019 10:06

Instrument :

MSVOA_X

ClientSampleId :

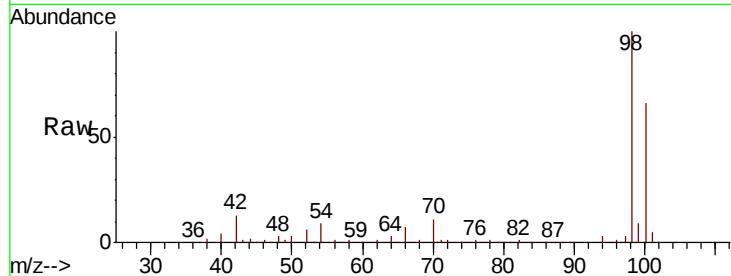
VSTDCCC020

Tgt Ion: 98 Resp: 206503

Ion Ratio Lower Upper

98 100

100 65.0 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX009471.D (-1158) (-)

Ion 100.00 (99.70 to 100.70): VX009471.D (-1158) (-)

8.71

150000

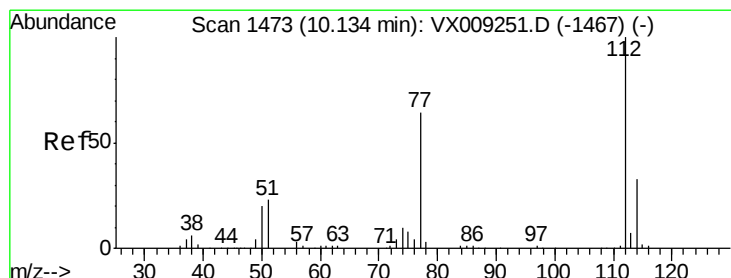
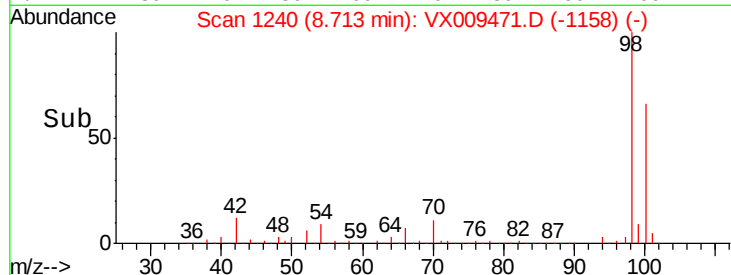
100000

50000

0

8.65 8.70 8.75 8.80

Time-->



#64

Chlorobenzene

Concen: 22.154 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX009471.D

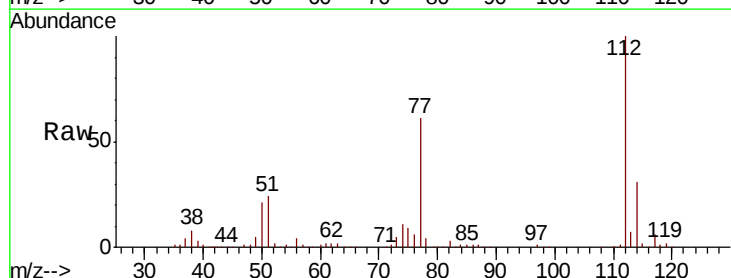
Acq: 10 May 2019 10:06

Tgt Ion: 112 Resp: 104464

Ion Ratio Lower Upper

112 100

114 31.3 26.2 39.2



Abundance Ion 112.00 (111.70 to 112.70): VX009471.D (-1391) (-)

Ion 114.00 (113.70 to 114.70): VX009471.D (-1391) (-)

10.13

80000

60000

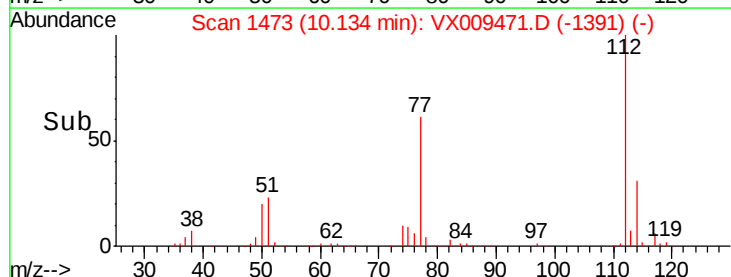
40000

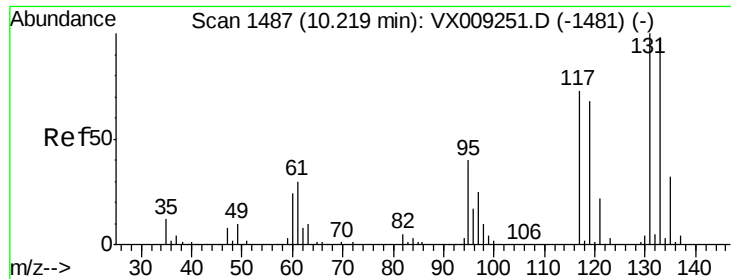
20000

0

10.10 10.15 10.20

Time-->

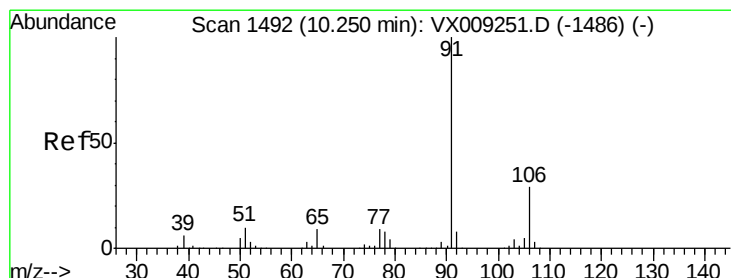
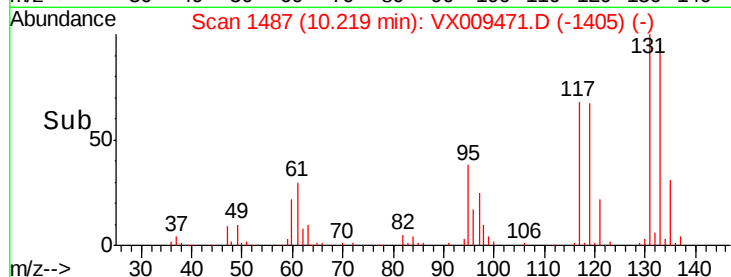
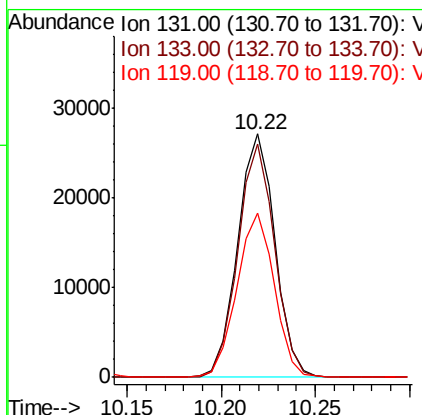
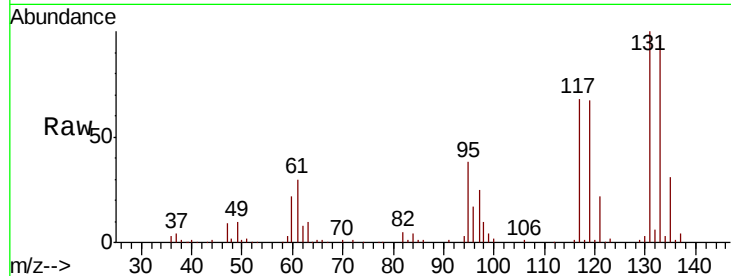




#65
 1,1,1,2-Tetrachloroethane
 Concen: 21.622 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX009471.D
 Acq: 10 May 2019 10:06

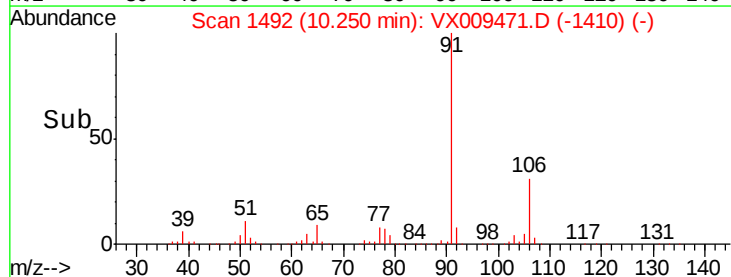
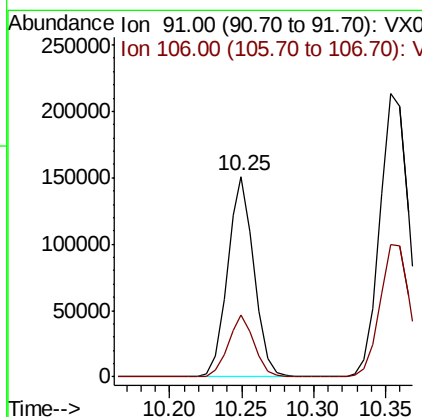
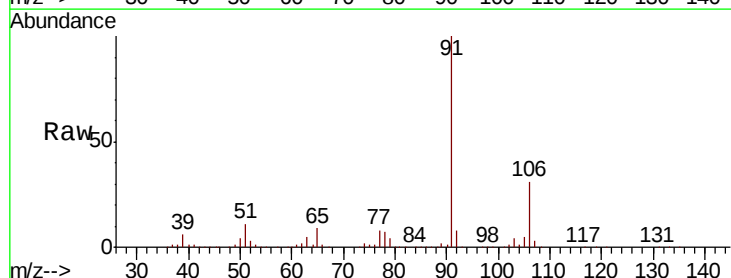
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

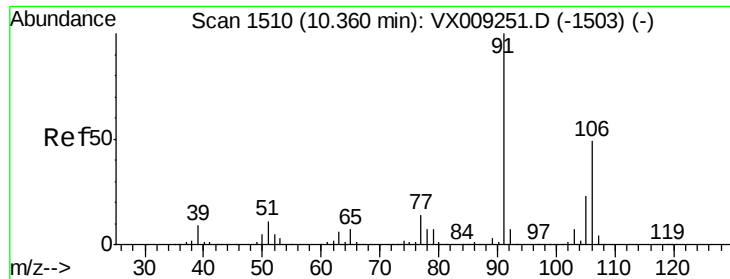
Tgt Ion: 131 Resp: 37331
 Ion Ratio Lower Upper
 131 100
 133 94.5 0.0 191.2
 119 67.7 0.0 135.4



#66
 Ethyl Benzene
 Concen: 22.140 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX009471.D
 Acq: 10 May 2019 10:06

Tgt Ion: 91 Resp: 193243
 Ion Ratio Lower Upper
 91 100
 106 30.9 23.5 35.3

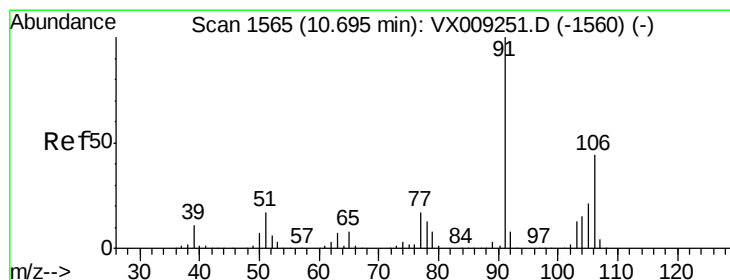
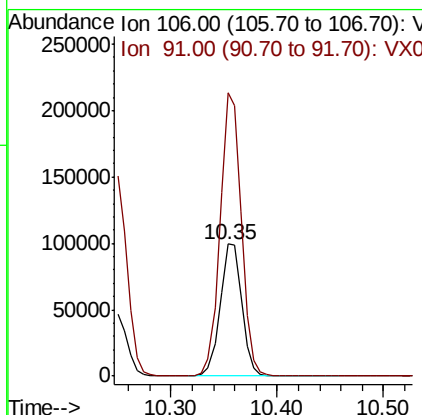
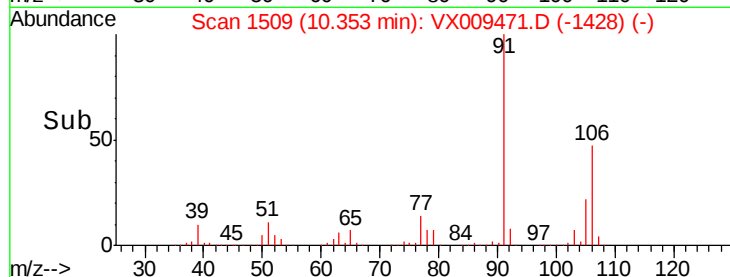
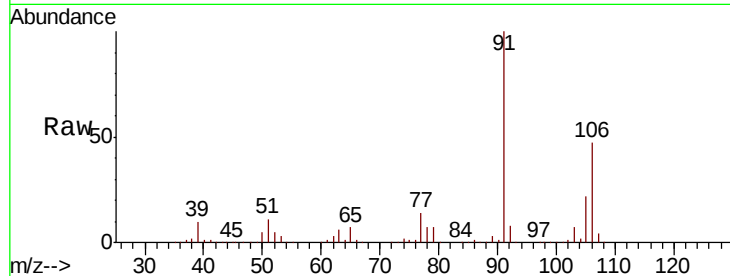




#67
m/p-Xylenes
Concen: 44.412 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX009471.D
Acq: 10 May 2019 10:06

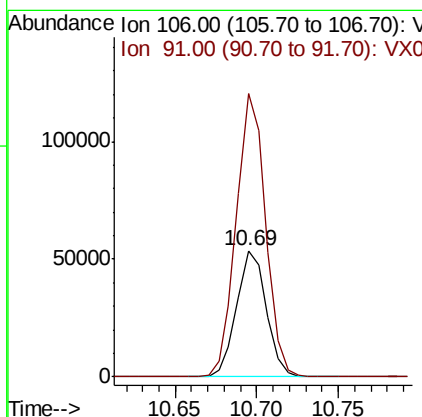
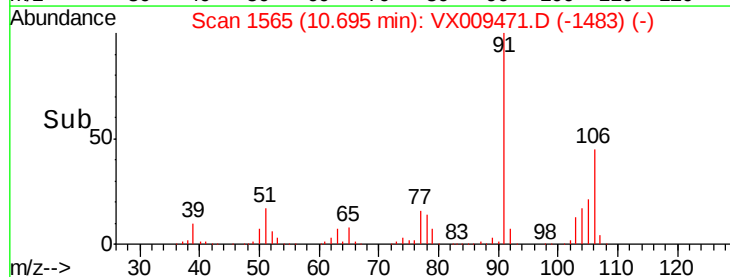
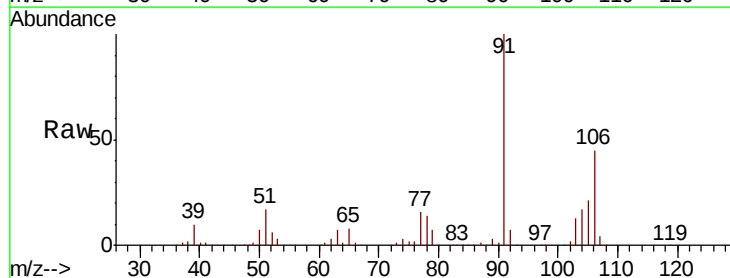
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

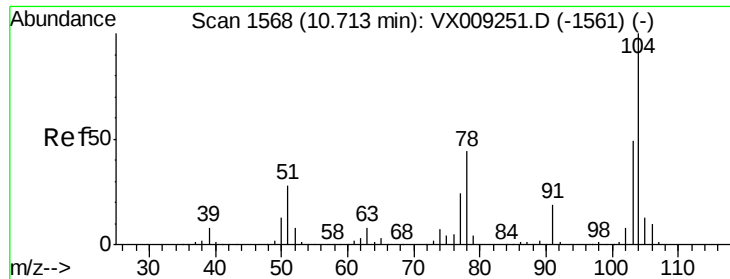
Tgt Ion:106 Resp: 141529
Ion Ratio Lower Upper
106 100
91 209.2 166.8 250.2



#68
o-Xylene
Concen: 21.923 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX009471.D
Acq: 10 May 2019 10:06

Tgt Ion:106 Resp: 68695
Ion Ratio Lower Upper
106 100
91 219.7 110.8 332.3





#69

Styrene

Concen: 21.844 ug/l

RT: 10.71 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX009471.D

Acq: 10 May 2019 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

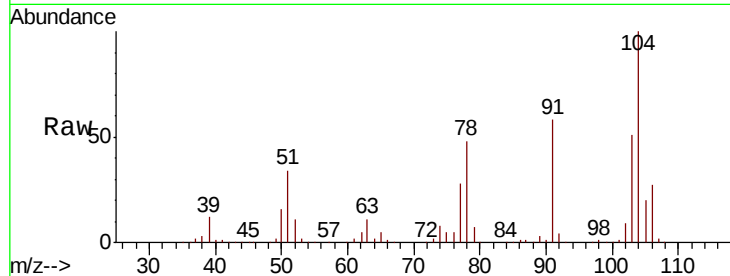
Tgt Ion:104 Resp: 120157

Ion Ratio Lower Upper

104 100

78 51.7 41.1 61.7

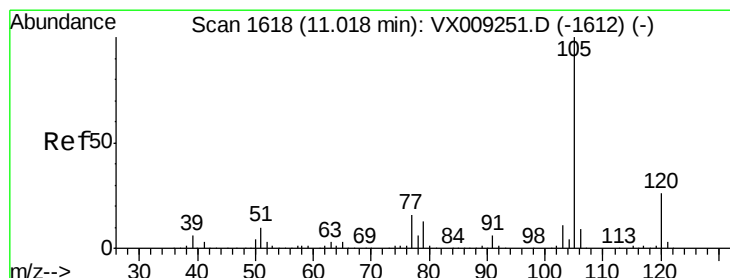
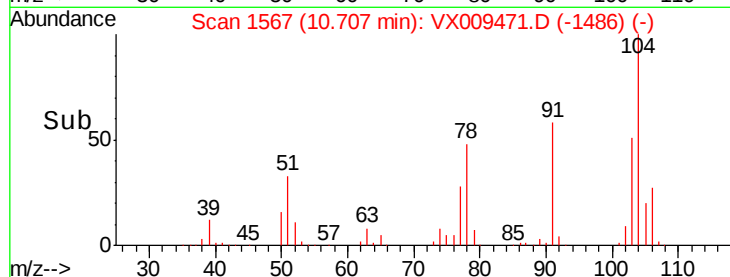
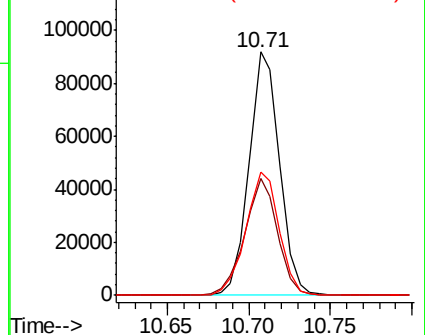
103 55.6 43.8 65.8



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 22.110 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009471.D

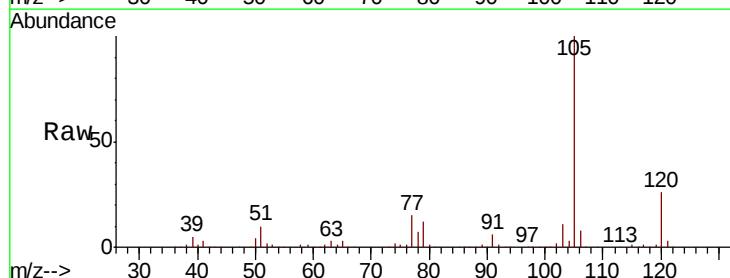
Acq: 10 May 2019 10:06

Tgt Ion:105 Resp: 186321

Ion Ratio Lower Upper

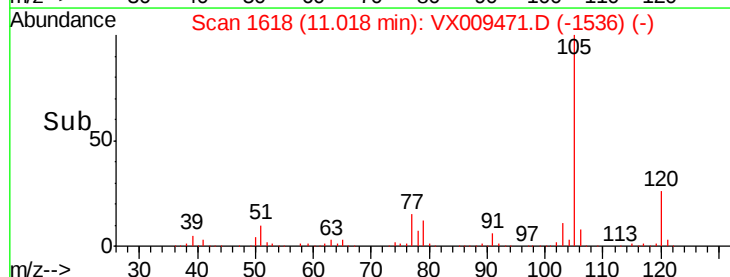
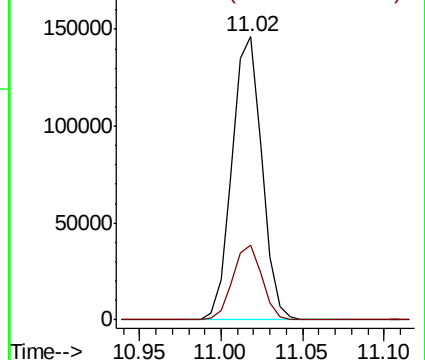
105 100

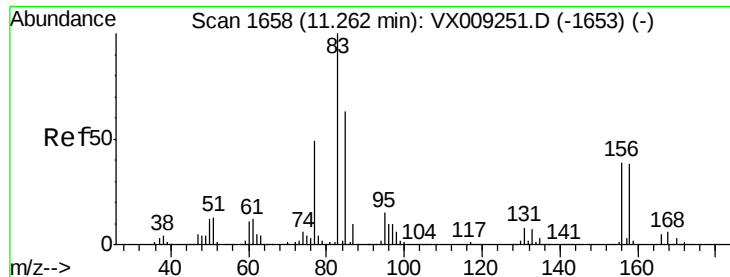
120 26.1 18.1 33.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

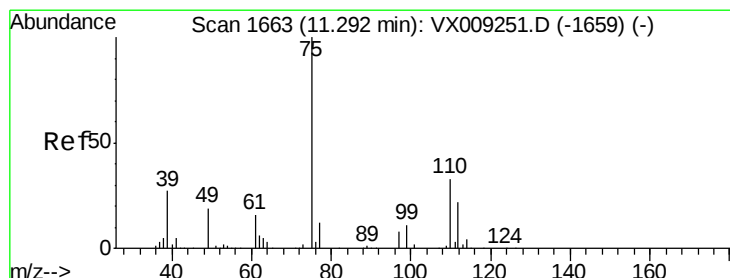
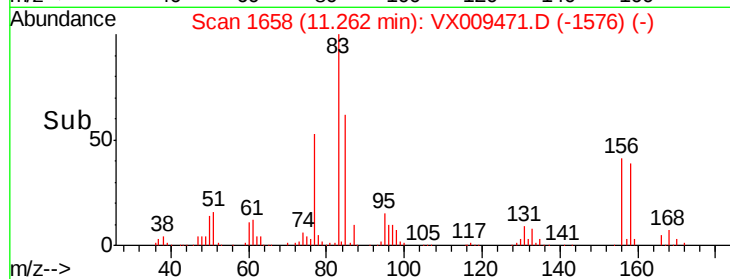
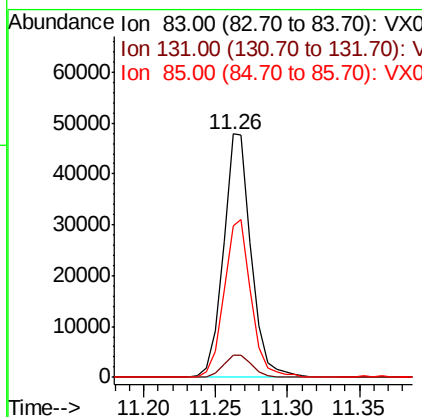
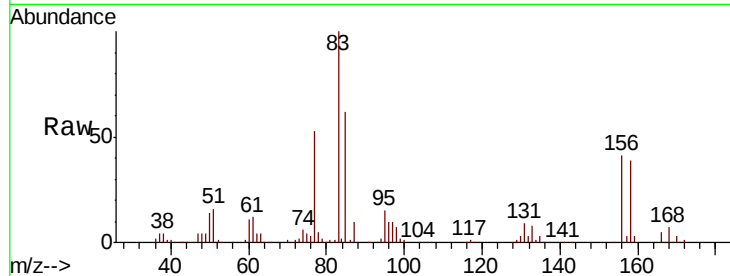




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.945 ug/l
 RT: 11.26 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: VX009471.D
 Acq: 10 May 2019 10:06

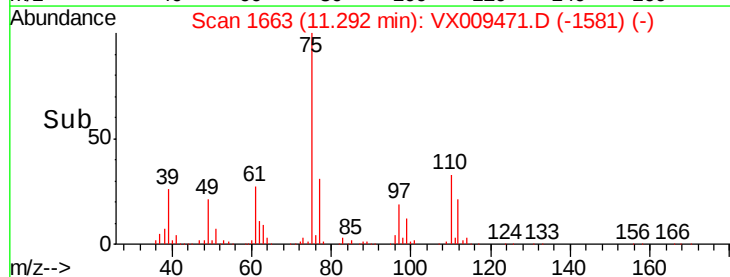
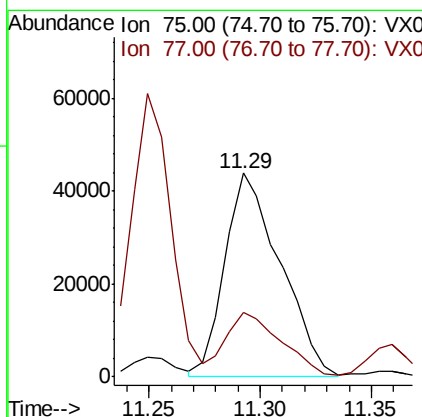
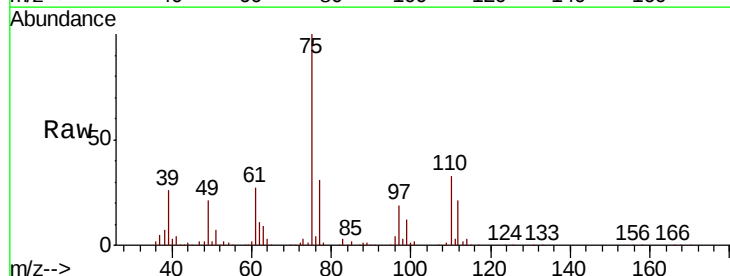
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

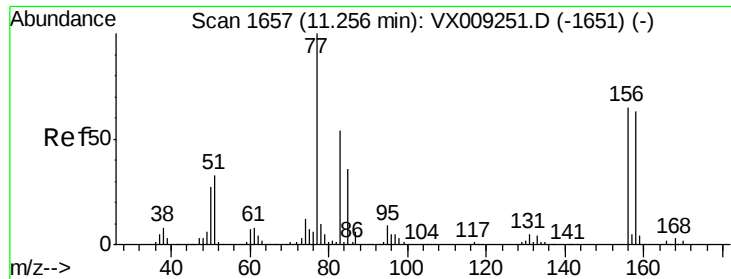
Tgt Ion: 83 Resp: 64640
 Ion Ratio Lower Upper
 83 100
 131 9.6 4.7 14.0
 85 63.6 32.4 97.2



#72
 1,2,3-Trichloropropane
 Concen: 28.647 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX009471.D
 Acq: 10 May 2019 10:06

Tgt Ion: 75 Resp: 76189
 Ion Ratio Lower Upper
 75 100
 77 31.9 0.0 86.4





#73

Bromobenzene

Concen: 21.712 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX009471.D

Acq: 10 May 2019 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

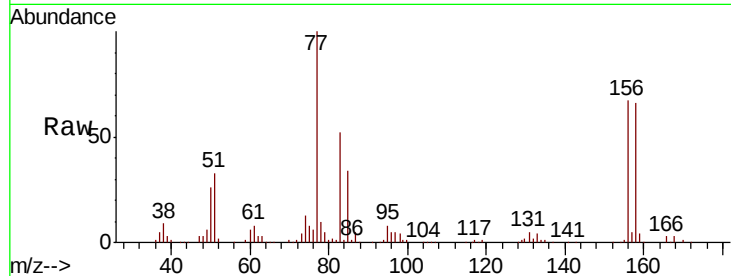
Tgt Ion:156 Resp: 45207

Ion Ratio Lower Upper

156 100

77 168.4 0.0 335.6

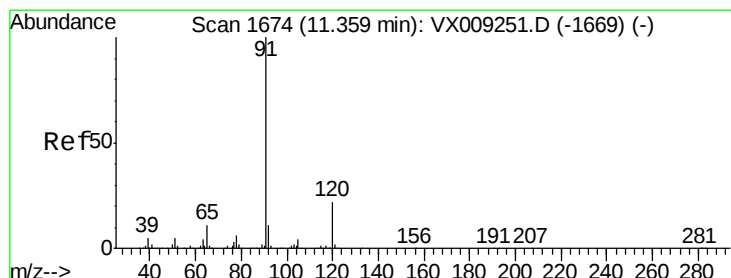
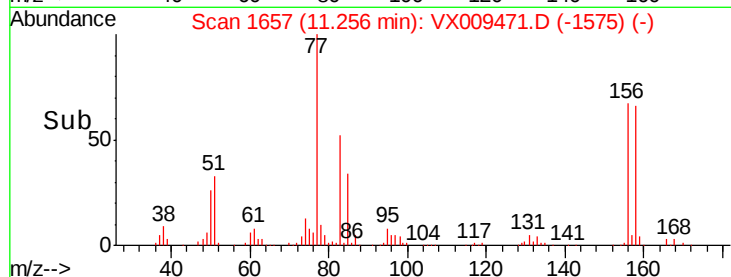
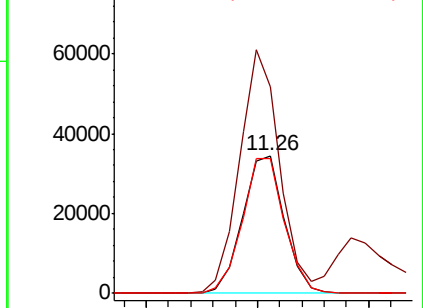
158 98.8 0.0 191.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 22.313 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009471.D

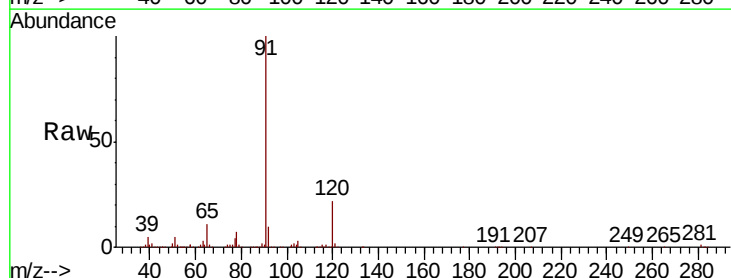
Acq: 10 May 2019 10:06

Tgt Ion: 91 Resp: 217899

Ion Ratio Lower Upper

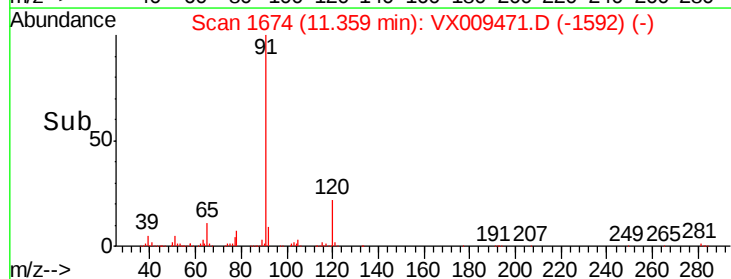
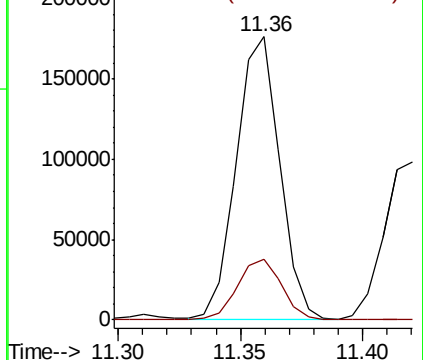
91 100

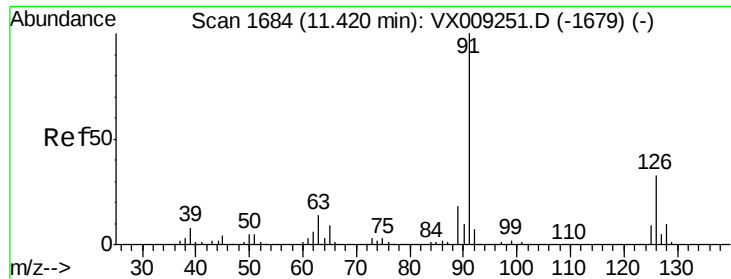
120 21.9 0.0 43.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

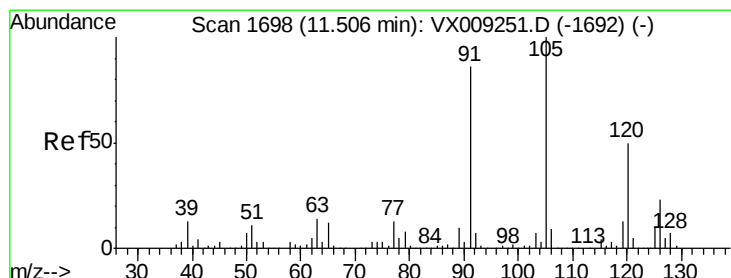
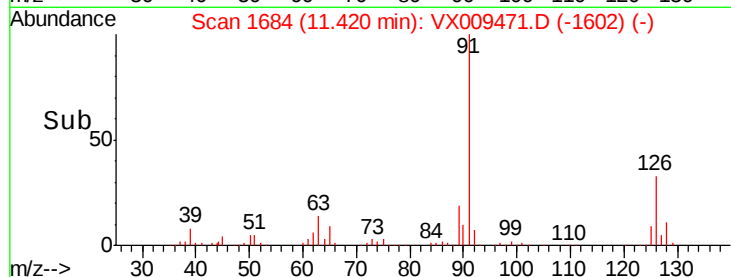
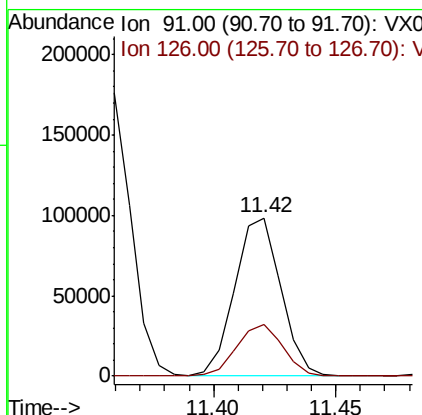
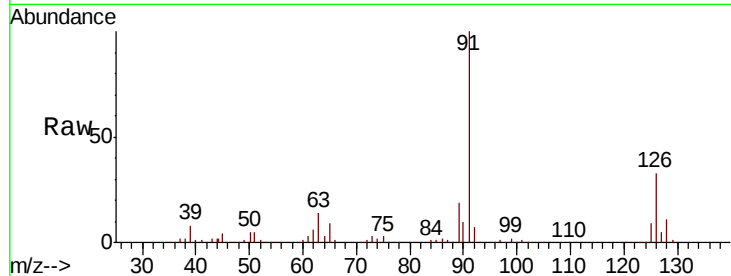




#75
 2-Chlorotoluene
 Concen: 22.058 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX009471.D
 Acq: 10 May 2019 10:06

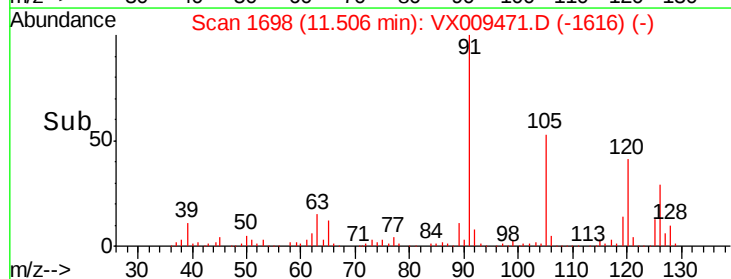
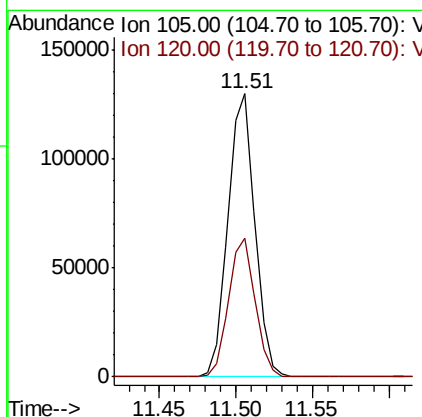
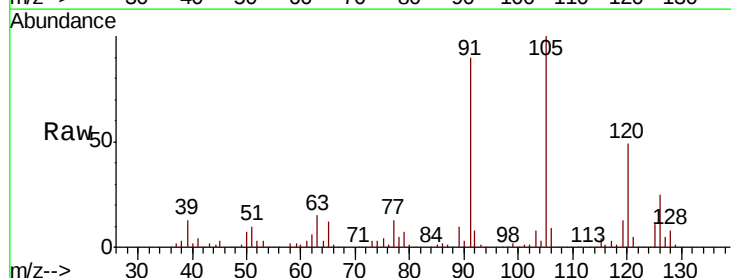
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

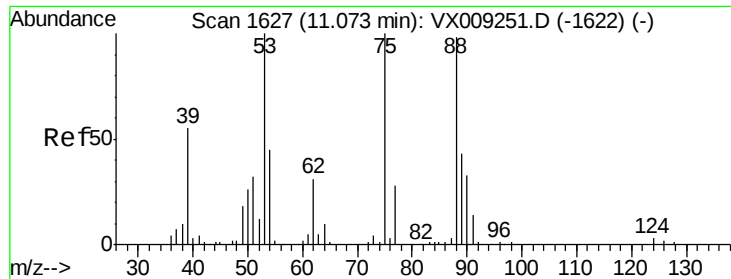
Tgt Ion: 91 Resp: 129204
 Ion Ratio Lower Upper
 91 100
 126 32.5 0.0 64.0



#76
 1,3,5-Trimethylbenzene
 Concen: 22.188 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX009471.D
 Acq: 10 May 2019 10:06

Tgt Ion: 105 Resp: 158388
 Ion Ratio Lower Upper
 105 100
 120 48.3 0.0 97.4





#77

t-1,4-Dichloro-2-butene

Concen: 19.551 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX009471.D

Acq: 10 May 2019 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

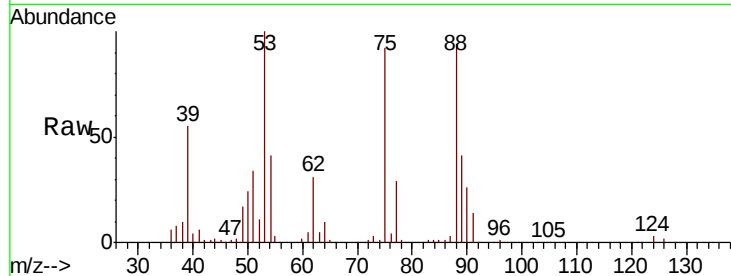
Tgt Ion: 75 Resp: 20974

Ion Ratio Lower Upper

75 100

53 108.3 50.0 149.8

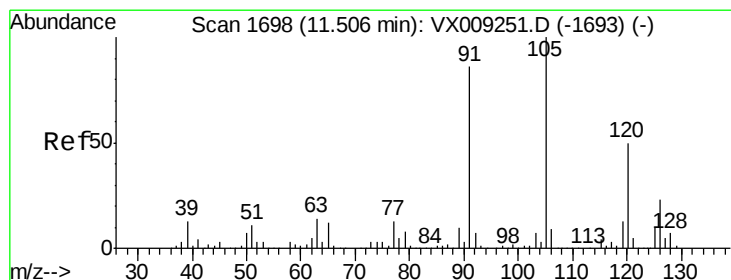
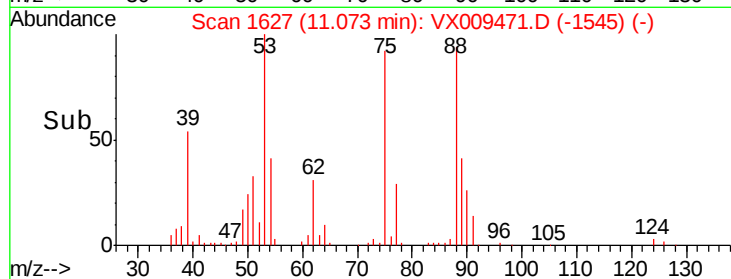
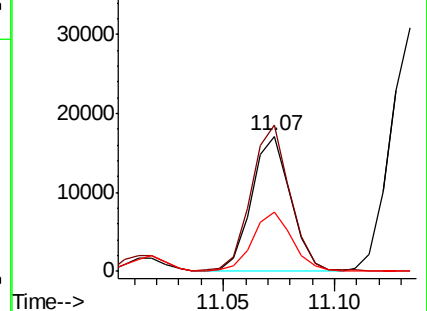
89 44.1 21.6 65.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 22.194 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009471.D

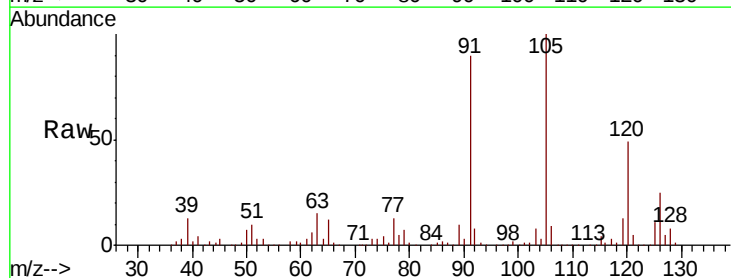
Acq: 10 May 2019 10:06

Tgt Ion: 91 Resp: 147645

Ion Ratio Lower Upper

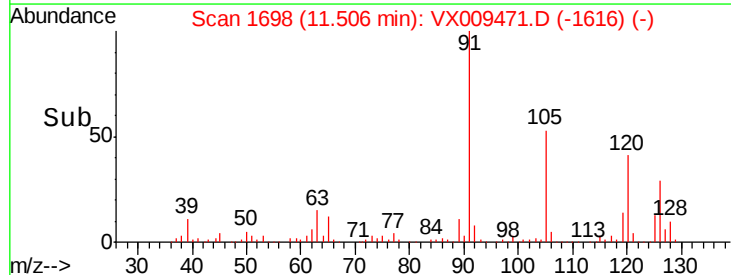
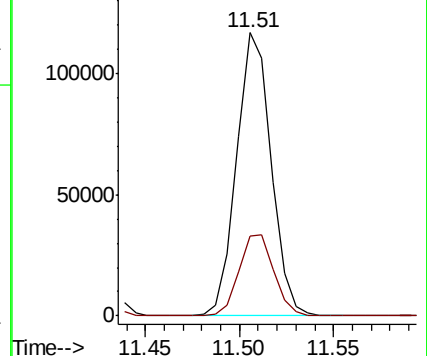
91 100

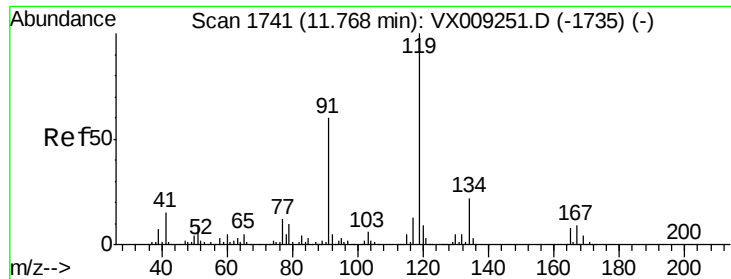
126 29.0 0.0 57.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

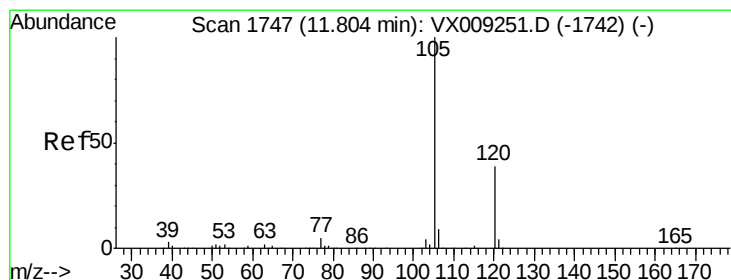
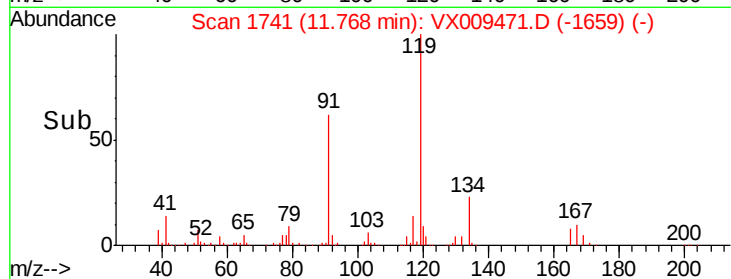
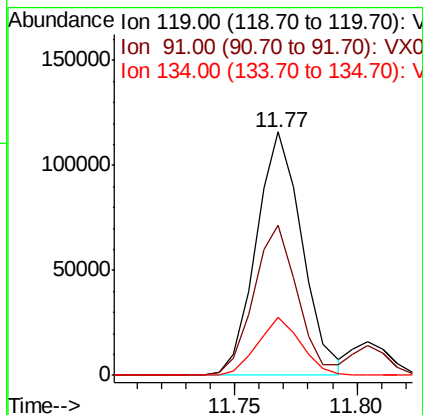
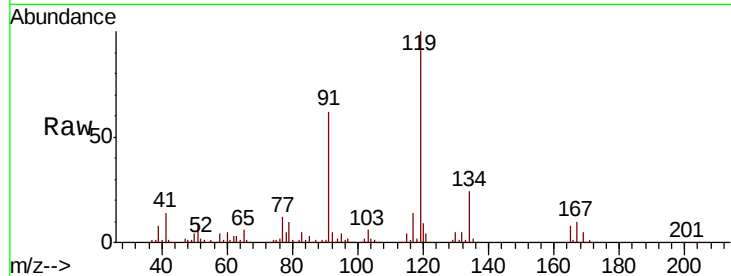




#79
tert-butylbenzene
Concen: 21.869 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX009471.D
Acq: 10 May 2019 10:06

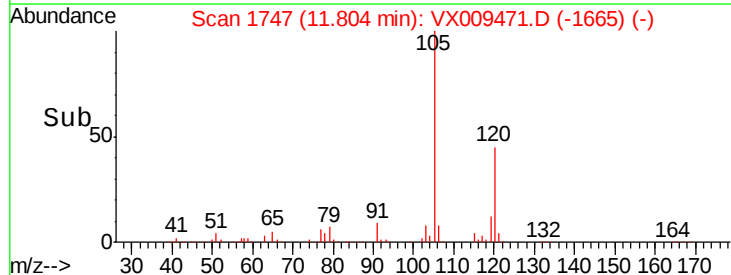
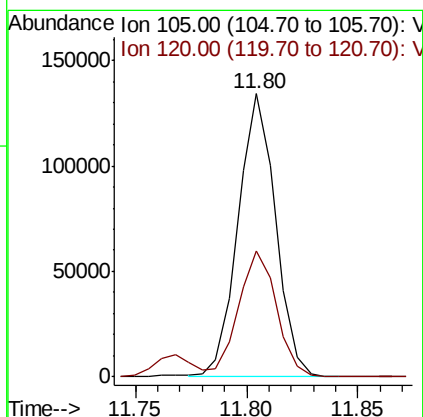
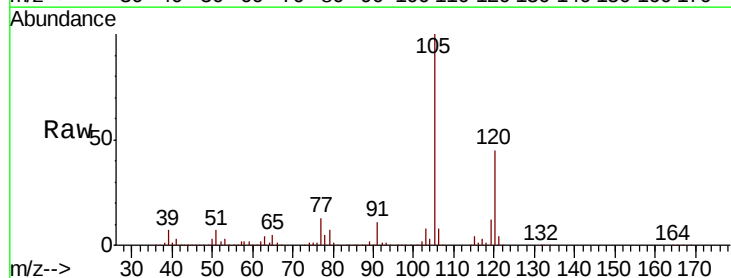
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

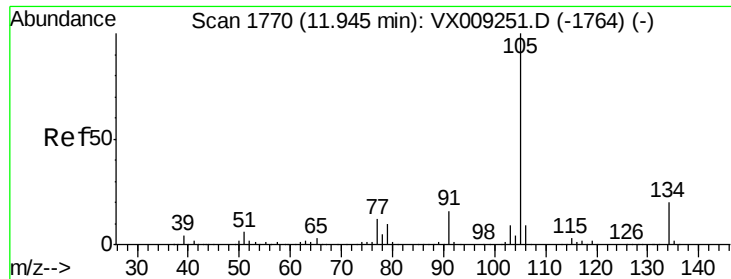
Tgt Ion:119 Resp: 150911
Ion Ratio Lower Upper
119 100
91 59.6 0.0 118.2
134 22.6 0.0 45.0



#80
1,2,4-Trimethylbenzene
Concen: 22.078 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX009471.D
Acq: 10 May 2019 10:06

Tgt Ion:105 Resp: 157957
Ion Ratio Lower Upper
105 100
120 45.1 0.0 89.6

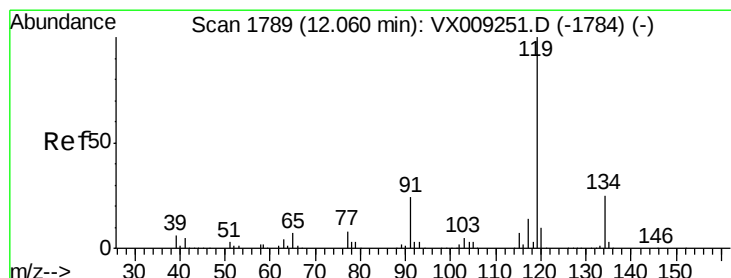
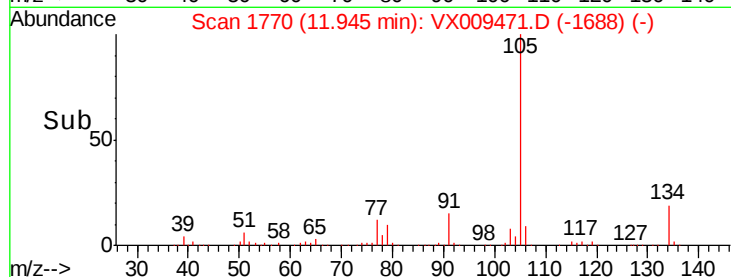
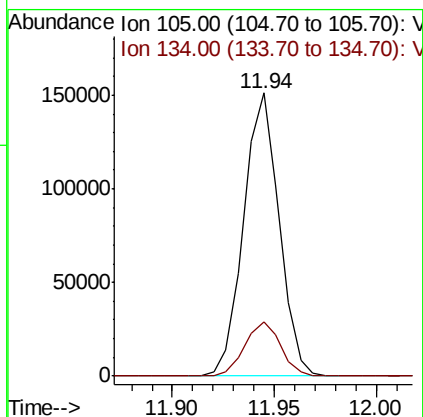
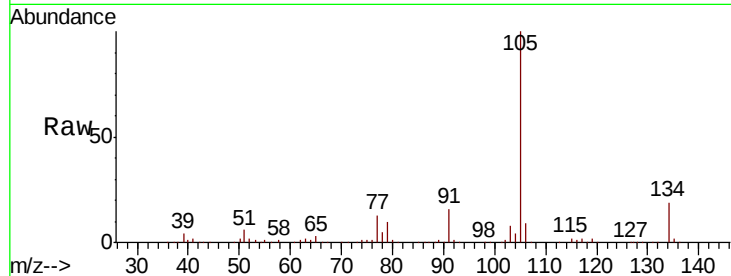




#81
 sec-Butylbenzene
 Concen: 22.317 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX009471.D
 Acq: 10 May 2019 10:06

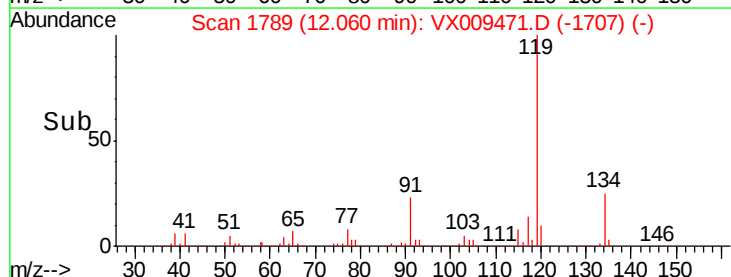
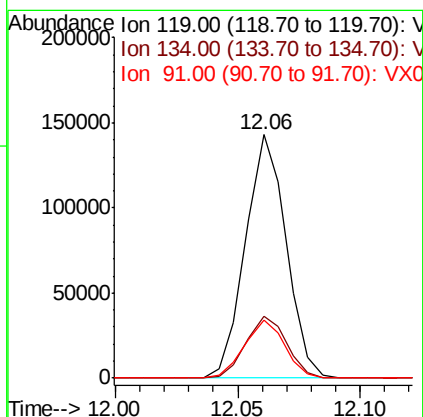
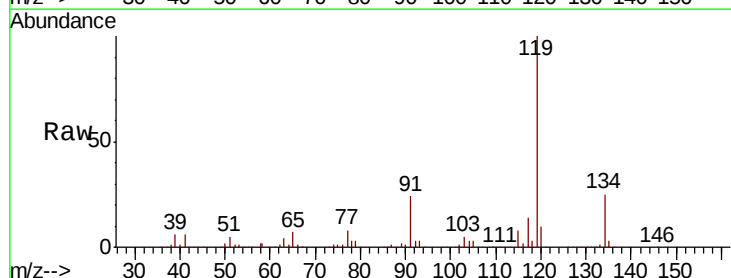
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

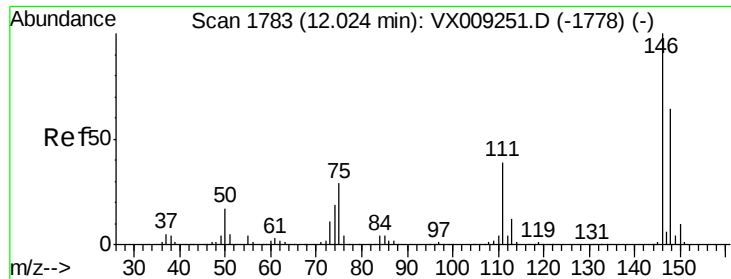
Tgt Ion:105 Resp: 182970
 Ion Ratio Lower Upper
 105 100
 134 19.3 0.0 38.6



#82
 p-Isopropyltoluene
 Concen: 22.278 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX009471.D
 Acq: 10 May 2019 10:06

Tgt Ion:119 Resp: 166147
 Ion Ratio Lower Upper
 119 100
 134 25.5 0.0 50.8
 91 23.6 0.0 47.2

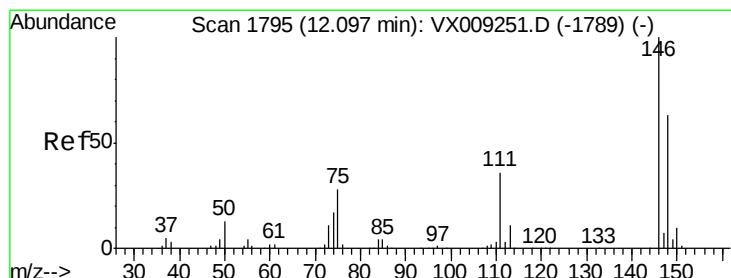
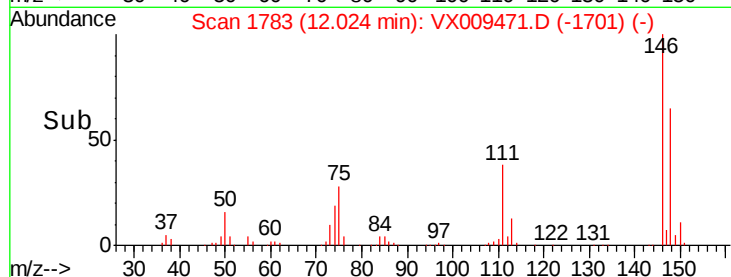
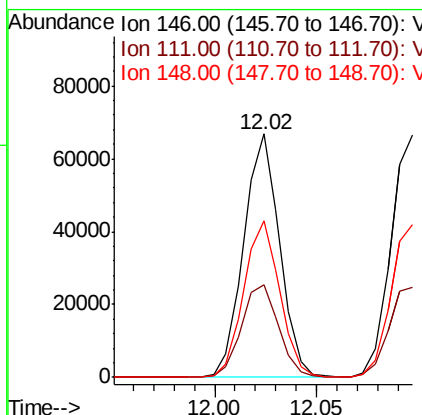
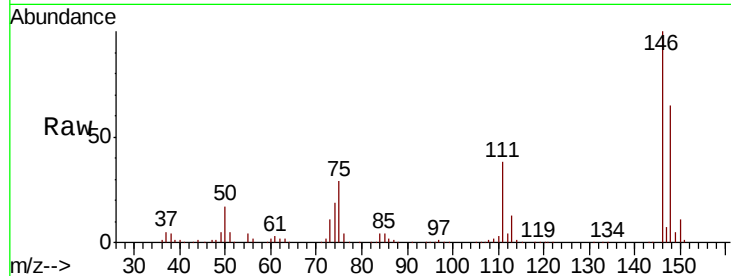




#83
 1,3-Dichlorobenzene
 Concen: 21.963 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009471.D
 Acq: 10 May 2019 10:06

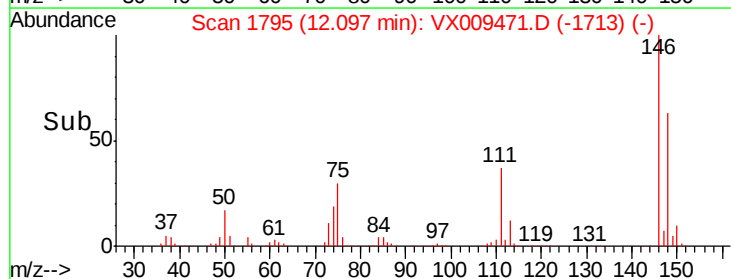
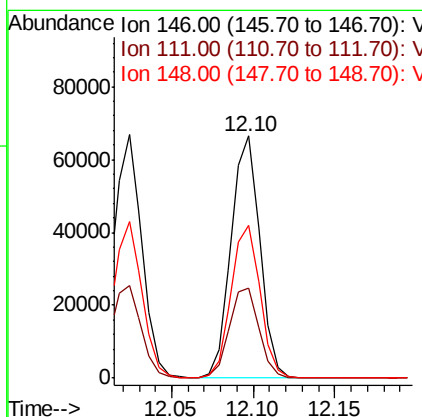
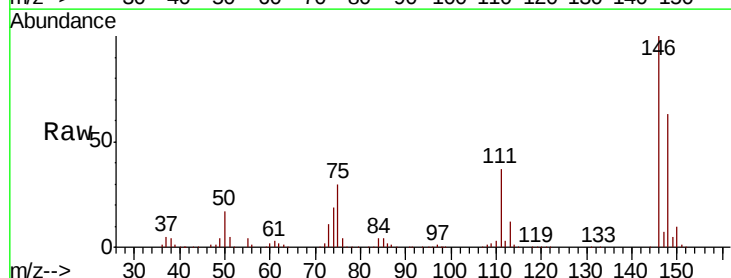
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

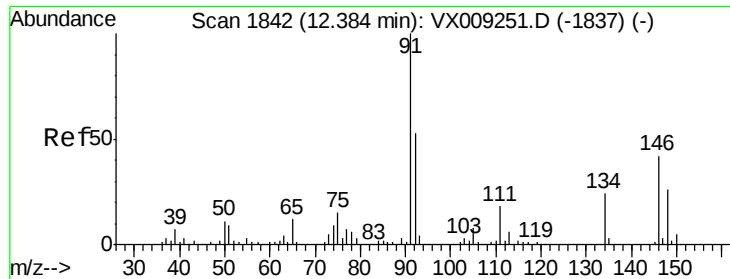
Tgt Ion:146 Resp: 81668
 Ion Ratio Lower Upper
 146 100
 111 39.6 20.0 60.0
 148 64.6 32.2 96.6



#84
 1,4-Dichlorobenzene
 Concen: 22.000 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009471.D
 Acq: 10 May 2019 10:06

Tgt Ion:146 Resp: 81502
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.6 58.7
 148 63.9 32.3 96.8

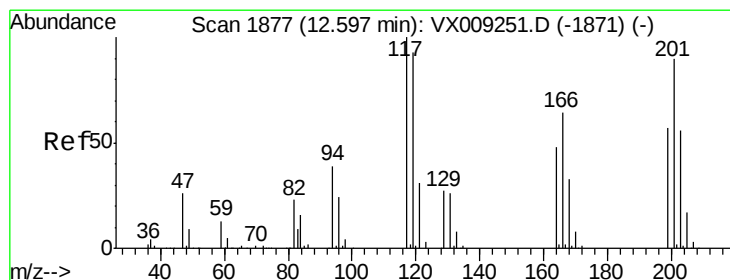
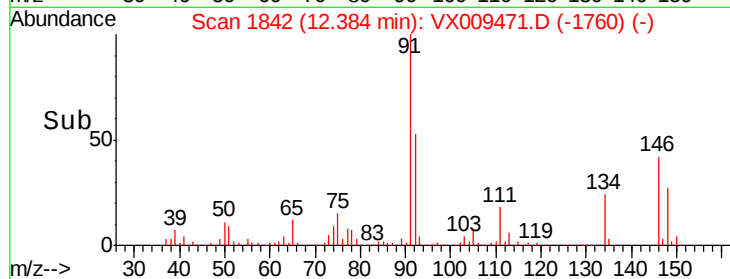
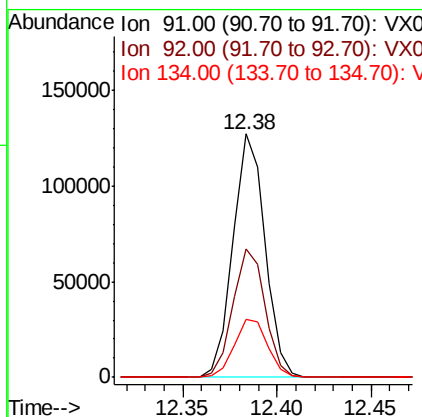
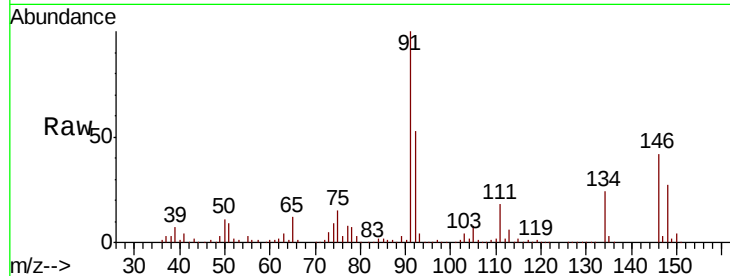




#85
n-Butylbenzene
Concen: 21.987 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX009471.D
Acq: 10 May 2019 10:06

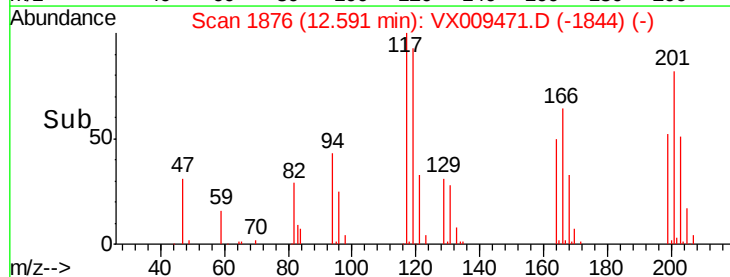
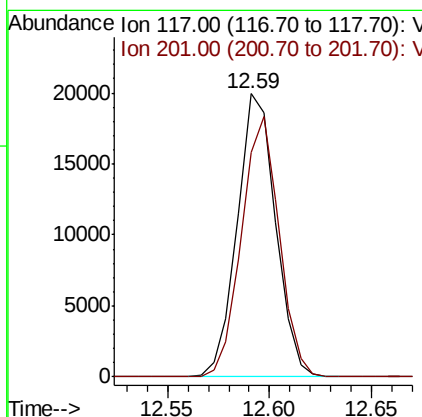
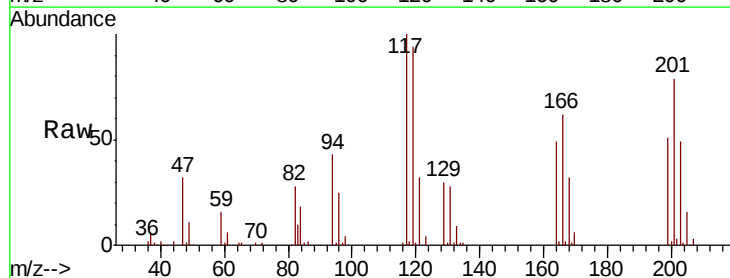
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

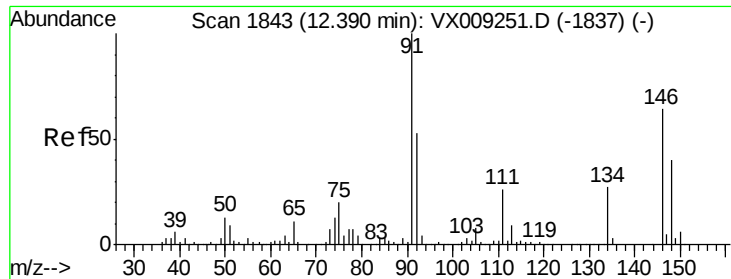
Tgt Ion: 91 Resp: 150046
Ion Ratio Lower Upper
91 100
92 53.1 0.0 106.6
134 25.0 0.0 50.0



#86
Hexachloroethane
Concen: 20.572 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX009471.D
Acq: 10 May 2019 10:06

Tgt Ion: 117 Resp: 26107
Ion Ratio Lower Upper
117 100
201 90.1 41.8 125.4

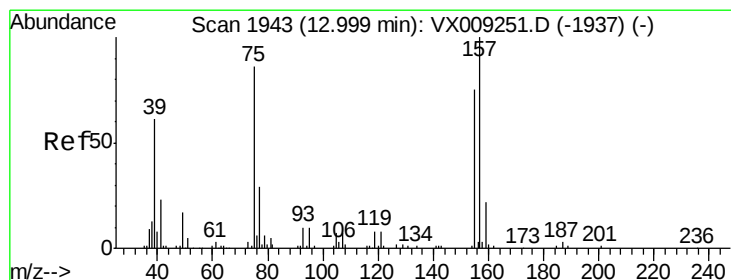
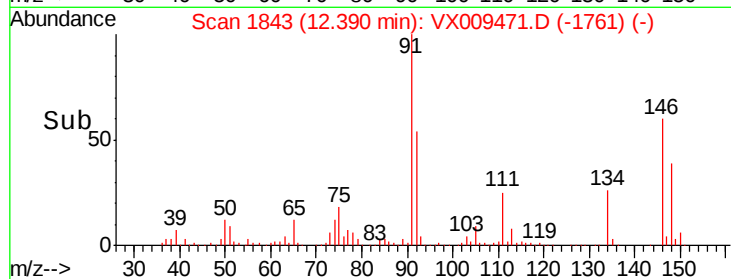
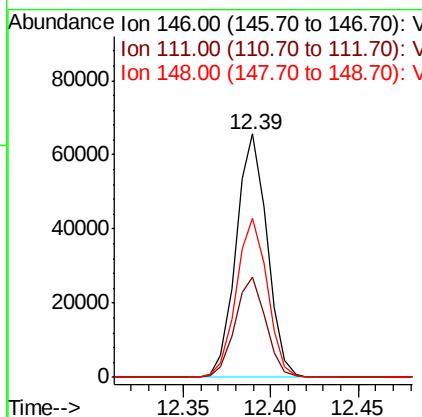
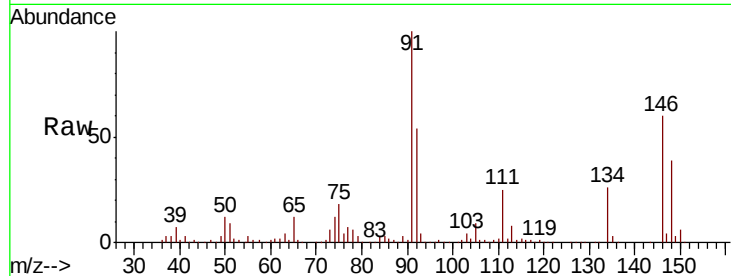




#87
 1,2-Dichlorobenzene
 Concen: 21.593 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX009471.D
 Acq: 10 May 2019 10:06

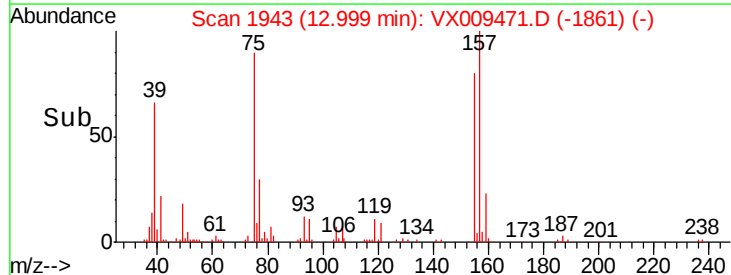
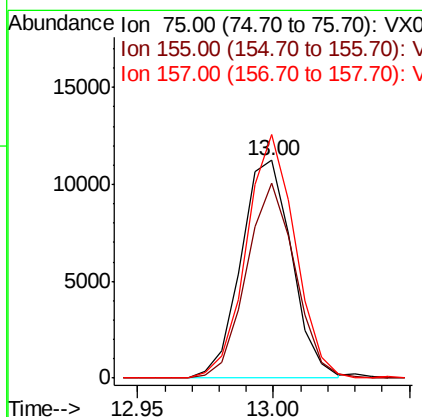
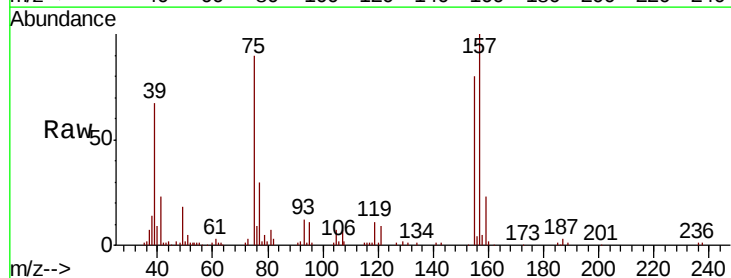
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

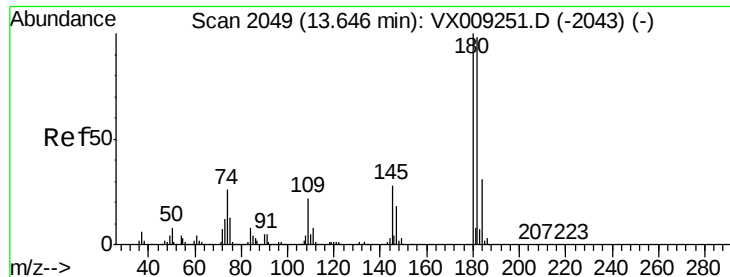
Tgt Ion: 146 Resp: 80823
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.8 62.2
 148 65.6 31.4 94.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.355 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX009471.D
 Acq: 10 May 2019 10:06

Tgt Ion: 75 Resp: 14598
 Ion Ratio Lower Upper
 75 100
 155 85.6 65.9 98.9
 157 106.7 85.2 127.8

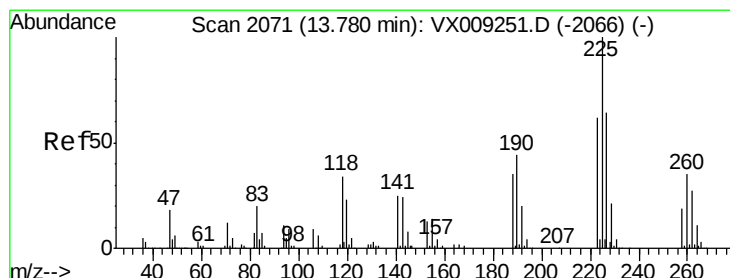
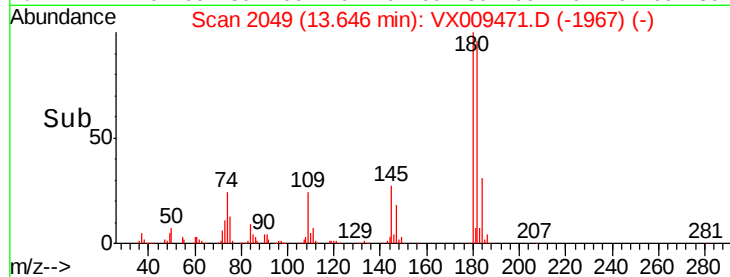
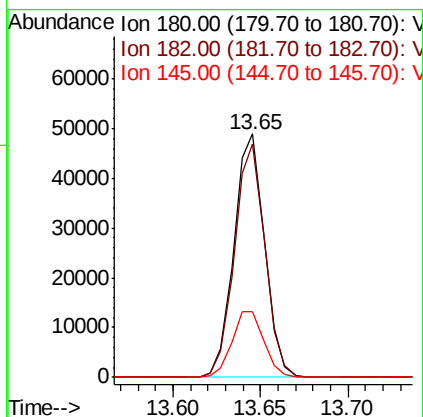
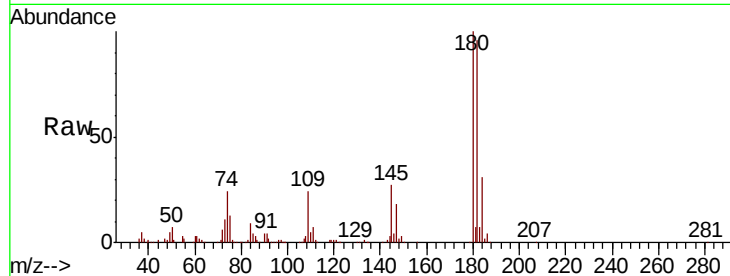




#89
 1,2,4-Trichlorobenzene
 Concen: 22.289 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009471.D
 Acq: 10 May 2019 10:06

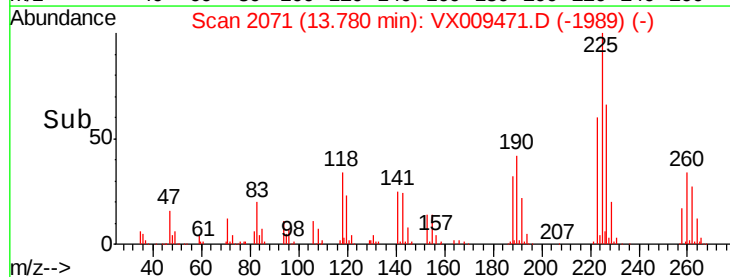
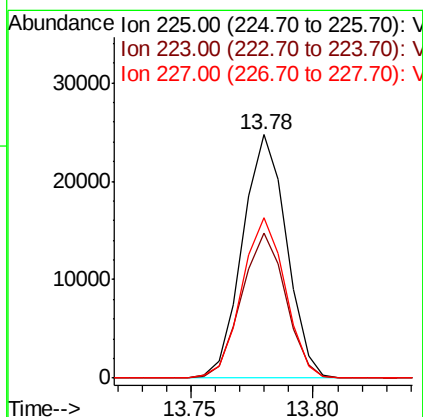
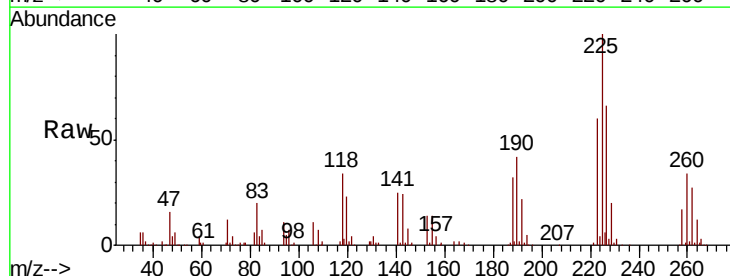
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

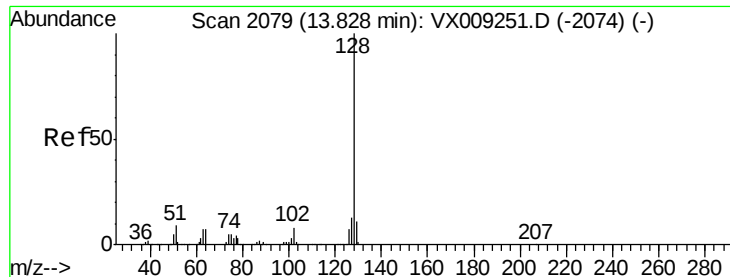
Tgt Ion:180 Resp: 59464
 Ion Ratio Lower Upper
 180 100
 182 95.3 76.9 115.3
 145 28.2 23.0 34.6



#90
 Hexachlorobutadiene
 Concen: 23.202 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009471.D
 Acq: 10 May 2019 10:06

Tgt Ion:225 Resp: 30919
 Ion Ratio Lower Upper
 225 100
 223 59.9 0.0 126.6
 227 64.7 0.0 130.0





#91

Naphthalene

Concen: 21.570 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VX009471.D

Acq: 10 May 2019 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

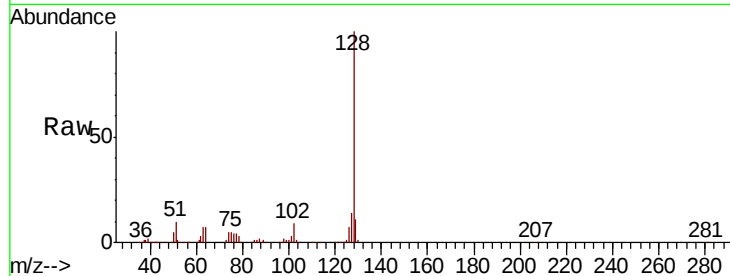
Tgt Ion:128 Resp: 188412

Ion Ratio Lower Upper

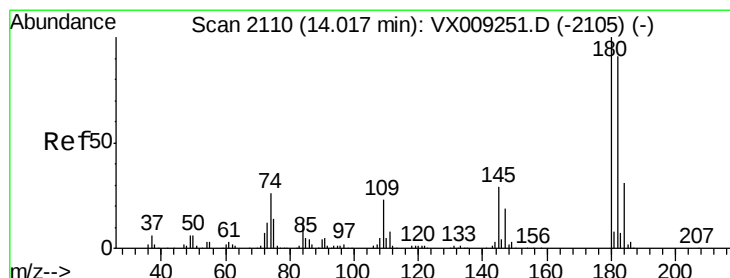
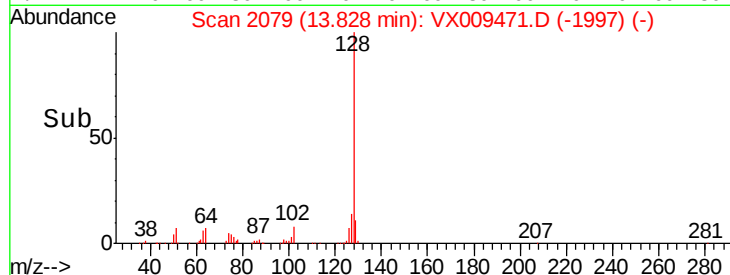
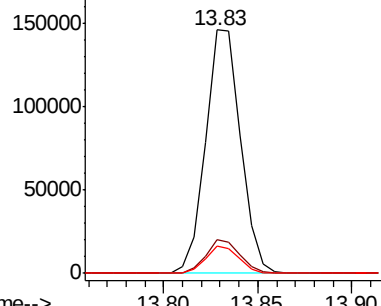
128 100

127 13.2 10.5 15.7

129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 22.539 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX009471.D

Acq: 10 May 2019 10:06

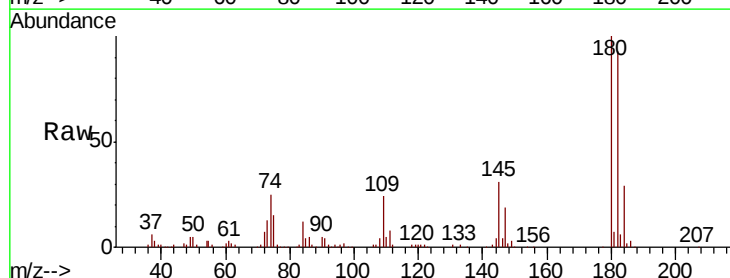
Tgt Ion:180 Resp: 61123

Ion Ratio Lower Upper

180 100

182 93.9 0.0 189.0

145 30.5 0.0 61.6



Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

